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# **Expenditures of the Health Care System in Ontario 1970/71 to 1977/78**



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# **Expenditures of the Health Care System in Ontario 1970/71 to 1977/78**

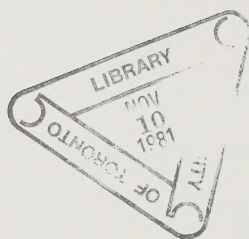


Ministry of  
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Economics

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Expenditure of the  
Municipal Corporation  
of Toronto  
1891 to 1892



THE  
MAYOR  
OF  
TORONTO

## FOREWORD

This publication was commissioned by the Ontario Ministry of Health, at the initiation of its Finance and Administration Division. Primarily, the purpose is to develop net expenditure statistics for all health costs in Ontario for the fiscal years from 1970/71 to 1977/78. Further, the publication provides specific and detailed information separated into eight modules offering data by health spender and by health item.

Presented is a wide range of original data not elsewhere published or developed, together with established information series, adjusted within a framework that attempts complete financial coverage of the Ontario health care system. The synergism generated by having a completed framework is particularly valuable in light of the extreme financial interactions between principals within the health care system.

Our thanks to the many organizations, both government and non-government, for their assistance in providing data and advice. Special thanks go to the Health Information Division of the Federal Department of National Health and Welfare.

The publication was prepared by the Surveys and Advisory Services Unit of Central Statistical Services, within the Ministry of Treasury and Economics.

May 1981

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### SYMBOLS USED IN TABLES

- . Data not available
- .. Data nil or does not exist
- ... Data not appropriate or not applicable

Percentage change figures are rounded to one decimal place;  
the cumulative percentage changes from 1970/71 to 1977/78  
are rounded to the nearest whole number.



## TABLE OF CONTENTS

|  | Page |
|--|------|
| Introduction and Highlights  | 3    |
| General Summary Tables   | 7    |
| Section 1 - Federal Government<br>Health Expenditures in Ontario                         | 15   |
| Section 2 - Ontario Government<br>Health Expenditures                                    | 21   |
| Section 3 - Local Governments<br>Health Expenditures in Ontario                          | 33   |
| Section 4 - Non-Government<br>Health Expenditures in Ontario                             | 39   |
| Section 5 - Expenditures of Health<br>Care Institutions in Ontario                       | 49   |
| Section 6 - Expenditures and Numerical Data<br>Related to Health Occupations in Ontario  | 67   |
| Section 7 - Expenditures on Drugs and<br>Other Health Items in Ontario                   | 79   |
| Section 8 - Selected Categories of Health<br>Expenditures in Ontario                     | 85   |
| Appendix 1 - Definitions Including Health Care   | 93   |
| Appendix 2 - Systematic Elimination of Double-<br>Counted Health Expenditures in Ontario | 101  |
| Appendix 3 - Sources Used in Developing<br>Information Presented in Tables               | 111  |



## GRAPHS

Most graphs show both current and constant 1970/71 dollars

|   | Page |
|---|------|
| General Summary   |      |
| A.A. - Ontario Gross Provincial Product   | 8    |
| A.B. - Ontario Net Health Expenditures  | 8    |
| B.A. - Percentage Share of Total Health Expenditures<br>by Private Business, Individuals, and Govern-<br>ments in Ontario         | 10   |
| B.B. - Percentage Share of Total Health Expenditures<br>by Private Business, and Individuals,<br>Excluding Governments in Ontario | 10   |
| C.A. - Per Capita Share of Total Health Expenditures<br>by Private Business, Individuals, and<br>Governments in Ontario           | 12   |
| C.B. - Per Capita Share of Total Health Expenditures<br>by Private Business, and Individuals,<br>Excluding Governments in Ontario | 12   |
| Section 1   |      |
| 1.A - Federal Government Health Related<br>Transfer Payments to Ontario   | 16   |
| 1.B - Direct Federal Government<br>Health Expenditures in Ontario   | 16   |
| Section 2   |      |
| 2.A - Total Ontario Government<br>Health Expenditures   | 22   |
| 2.B - Total Ontario Government Health Expenditures<br>Less Revenues Received from Other<br>Levels of Government                   | 22   |
| Section 3   |      |
| 3.A - Total Local Governments<br>Health Expenditures in Ontario   | 34   |
| 3.B - Total Local Governments Health Expenditures<br>Less Revenues Received from the Ontario Government                           | 34   |

# GRAPHS

Page

## Section 4

- |  |    |
|--|----|
| 4.A - Expenditures of Selected Voluntary Associations,<br>Foundations, and Others in Ontario | 40 |
| 4.B - Direct Health Expenditures of<br>Private Business in Ontario                           | 40 |

## Section 5

- |  |    |
|--|----|
| 5.A - Expenditures of All Hospitals in Ontario                           | 50 |
| 5.B - Expenditures of Nursing Homes and<br>Homes for the Aged in Ontario | 50 |

## Section 6

- |   |    |
|---|----|
| 6.A - Expenditures on Physicians in Ontario | 68 |
| 6.B - Expenditures on Dentists in Ontario   | 68 |

## Section 7

- |   |    |
|---|----|
| 7.A - Expenditures on Drugs in Ontario  | 80 |
| 7.B - Expenditures on Prosthetic Appliances<br>Including Eyeglasses and Hearing Aids in Ontario | 80 |

## Section 8

- |  |    |
|--|----|
| 8.A - Medical Research Expenditures in Ontario | 86 |
| 8.B - Mental Health Expenditures in Ontario    | 86 |

## TABLES

| General Summary Tables   | Page |
|--|------|
| A - Net Health Care Expenditures and Selected<br>Economic Indicators,<br>Including Comparisons - Ontario | 9    |
| B - Net Health Care Expenditures<br>by Sector - Ontario  | 11   |
| C - Selected Per Capita Health Care<br>Expenditures - Ontario  | 13   |
| Section 1  |      |
| Federal Government Health Expenditures in Ontario<br>Summary - Current and Constant 1970/71 Dollars      | 17   |
| 1.1 - Federal Government Health Related<br>Transfer Payments to Ontario                                  | 18   |
| 1.2 - Direct Federal Government<br>Health Expenditures in Ontario  | 19   |
| Section 2  |      |
| Ontario Government Health Expenditures<br>Summary - Current and Constant 1970/71 Dollars                 | 23   |
| 2.1 - Expenditures of the Ontario<br>Ministry of Health  | 24   |
| 2.2 - Selected Ontario Ministry of Health<br>Expenditures Related to OHIP                                | 25   |
| 2.3 - Health Expenditures of the Ontario<br>Ministry of Community and Social Services                    | 26   |
| 2.4 - Health Expenditures of<br>Other Ontario Government Ministries                                      | 28   |
| 2.5 - Health Expenditures of the<br>Ontario Ministry of Education  | 30   |
| 2.6 - Health Expenditures of the Workmen's<br>Compensation Board (WCB) - Ontario                         | 31   |



# TABLES

|  |      |
|--|------|
| Section 3  | Page |
| Ontario Local Governments Health Expenditures-Summary<br>- Current and Constant 1970/71 Dollars  | 35   |
| 3.1 - Gross and Net Health Expenditures of Local<br>Governments in Ontario   | 36   |
| Section 4  |      |
| Non-Government Health Expenditures in Ontario-Summary<br>- Current and Constant 1970/71 Dollars  | 41   |
| 4.1 - Revenues and Expenditures of Non-Government<br>Health Insurance by Organization in Ontario   | 42   |
| 4.2 - Claims Paid Out by Non-Government Health<br>Insurance Companies by Type of Plan in Ontario   | 44   |
| 4.3 - Claims Paid Out, Numbers of Subscribers, and<br>Persons Covered by Health Item for Non-<br>Government Health Insurance Companies in<br>Ontario | 45   |
| 4.4 - Expenditures of Selected Voluntary Associations,<br>Foundations, and Others in Ontario   | 46   |
| 4.5 - Direct Health Expenditures of Private Business<br>in Ontario   | 47   |
| Section 5  |      |
| Expenditures of Health Care Institutions in Ontario<br>Summary - Current and Constant 1970/71 Dollars  | 53   |
| 5.1 - Expenditures of Federal Hospitals in Ontario   | 54   |
| 5.2 - Expenditures of Public General Hospitals in<br>Ontario   | 55   |
| 5.3 - Expenditures of Public Mental Hospitals in<br>Ontario  | 56   |
| 5.4 - Number of Patient Days and Expenditures of Private<br>Hospitals in Ontario   | 58   |
| 5.5 - Capital Expenditures for Ontario Hospitals<br>including Source of Funding  | 60   |
| 5.6 - Capital Stock Estimates for Hospitals in Ontario   | 61   |

# TABLES

|   |      |
|---|------|
| Section 5 (Cont'd.)   | Page |
| 5.7 - Revenues and Expenditures of<br>Nursing Homes in Ontario  | 62   |
| 5.8 - Ontario Government Funding for<br>Hospitals, Nursing Homes and Homes for<br>the Aged (Health Component) | 63   |
| 5.9 - Health Expenditures in Homes for the Aged -<br>Ontario  | 64   |
| 5.10 - Capital Expenditures for Homes for<br>the Aged (Health Component) in Ontario                           | 65   |
| Section 6   |      |
| Expenditures on Health Professional Services in Ontario<br>Summary - Current and Constant 1970/71 Dollars     | 69   |
| 6.1 - Number of Physicians, Dentists, and<br>Other Health Professionals in Ontario                            | 70   |
| 6.2 - Expenditures on Physicians, Dentists,<br>and Other Health Professionals in Ontario                      | 71   |
| 6.3 - Average Gross and Net Incomes for<br>Selected Health Professionals in Ontario                           | 72   |
| 6.4 - OHIP Fee-For-Service Claim<br>Payments to Physicians and Dentists                                       | 73   |
| 6.5 - Expenditures on Hospital Nurses and<br>Nursing Staff by Type of Hospital in Ontario                     | 74   |
| 6.6 - Number of Full-Time-Equivalent Nurses and<br>Nursing Assistants by Type of Employer - Ontario           | 76   |
| 6.7 - Expenditures on Full-Time-Equivalent Nurses and<br>Nursing Assistants by Type of Employer - Ontario     | 77   |
| 6.8 - Expenditures by Ontario Government Ministries<br>on Selected Health Personnel                           | 78   |
| Section 7   |      |
| Expenditures on Drugs and Other Health Items in Ontario<br>Summary - Current and Constant 1970/71 Dollars     | 81   |
| 7.1 - Expenditures on Drugs in Ontario  | 82   |

# TABLES

|   |      |
|---|------|
| Section 7 (Cont'd.)   | Page |
| 7.2 - Expenditures on Drug Sundries, First-Aid Kits<br>and Sick Room Supplies in Ontario                | 83   |
| 7.3 - Expenditures on Prosthetic Appliances Including<br>Eyeglasses and Hearing Aids in Ontario         | 84   |
| Section 8   |      |
| Selected Categories of Health Expenditures in Ontario<br>Summary - Current and Constant 1970/71 Dollars | 87   |
| 8.1 - Medical Research Expenditures in Ontario  | 88   |
| 8.2 - Mental Health Expenditures in Ontario   | 90   |



## INTRODUCTION AND HIGHLIGHTS





## INTRODUCTION AND HIGHLIGHTS

Introduction

The desire by the Ontario Ministry of Health to obtain a statistical overview of all health costs was first translated into action by a pilot study relating to the fiscal year 1970/71. This study was performed by the former Economic Planning Branch located within the (then) Ministry of Treasury, Economics and Intergovernmental Affairs. Subsequently, two reports were produced by Central Statistical Services, the latest published in July 1975 and entitled "Estimated Expenditures of Health Care, Ontario 1970/71 to 1972/73". This was followed in 1978 by an unpublished report with limited distribution entitled "Expenditures of the Health Care System in Ontario, 1970/71 to 1975/76." Deviating sharply from previous studies in terms of methodology, definition and completeness, this latter report established the basis for the approach now adopted. The current publication updates any information presented in the previous reports for all years covered. Subject to user demand, it is expected that future reports will be structured similarly, and provide at least as much information as currently shown.

The structure of the publication can be considered in terms of four general separations. The first provides background information and some highlights of results. The second separation contains general summary tables which provide an overview of health care financing in Ontario in relation to other economic indicators; and delineates the sources of funding. The third separation is the main body of the report and provides financial (and other) information structured within eight modules labelled Section 1 to Section 8. While the primary purpose is to develop totals of health care expenditures, it is felt that the modular approach offers the greatest flexibility in meeting diverse research needs that may go beyond the primary purpose. The fourth separation contains three appendices. Within the first appendix are contained definitions for health care, double-counting, constant dollars, reporting period, Canadian data, expenditures by or for Ontario residents, the treatment of profit, regulatory health bodies, and the Workmen's Compensation Board. Appendix B shows in tabular form the development of Ontario totals

through elimination of double-counting. This appendix has been incorporated into the report to provide insight for specialized uses that might depend on knowledge of the flow of funds passing through the system. The general user of this publication can safely ignore Appendix B. The third appendix lists, by table, sources used to develop the statistics. Sources are presented in an appendix rather than below the relevant table, due simply to space constraints.

### Highlights

Health care expenditures in Ontario have risen from 2.58 billion dollars in 1970/71 to 6.01 billion dollars in 1977/78, a percentage jump of 133. Personal income and gross product for Ontario have grown 142% and 134% respectively over the same time period. Comparatively, health care costs have been moving in tandem with these major economic indicators over the 1970/71 to 1977/78 period. Another comparison, namely, percentage of health costs to gross product and personal income, can be interpreted as a relative indicator of efficiency with respect to inputs. For example, in Table A these comparisons are drawn between Ontario, Canada, and the United States. Both Ontario and Canada show zero or negative rates of change over the eight year time period, whereas the United States is moving steadily upwards at an alarming rate.

In Ontario, the health system is funded mostly through governments whose percentage share of total funding rose 4% from 1970/71 to 1977/78. Private business direct health expenditures increased 45% in this same time span, while direct spending by individuals decreased 16% (see Table B). It is possible to consider indirect health spending by private business and individuals by apportioning the taxes and premiums they pay to support governments. This alternate presentation of financial responsibility for funding the health care system shows individuals to be supporting 73.25% of the system in 1977/78, and private business the remaining 26.75%.

Expressed in per capita terms, an Ontario resident received \$8,182 in 1977/78 as personal income. Of this, 8.71% or \$713 was spent on health care (see Table C). The Federal Government accounted for \$236 of this total, the Ontario Government \$277, and Local Governments \$14; that is, the three levels of government covered \$527 of the \$713

total. Direct expenditures by private business on health (not including OHIP or WCB) amounted to \$33, leaving individuals with the remaining \$153 as direct out-of-pocket health expenditures for items such as drugs, drug sundries, eyeglasses, and dental care. If governments are excluded, as described in the previous paragraph, then we have individuals accounting for \$522 of the total \$713, with private business funding the remaining \$199.

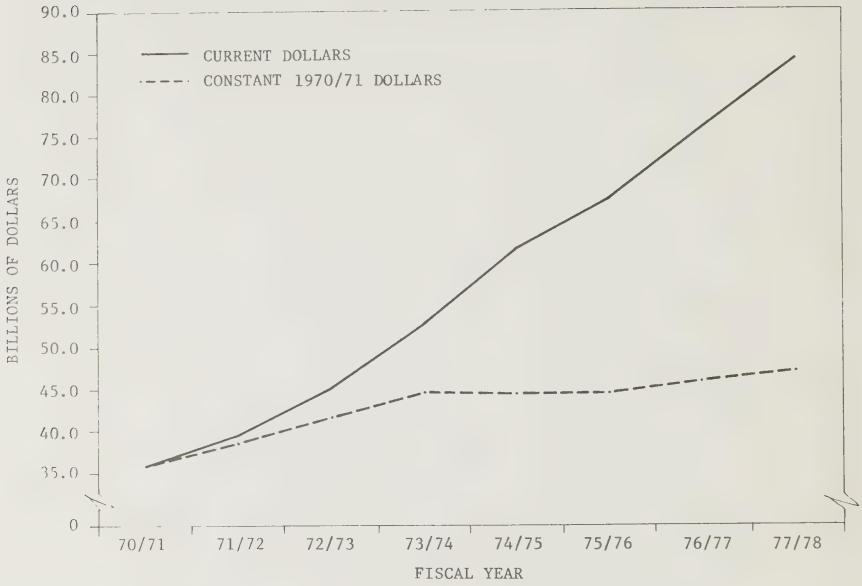
While the total for health costs have grown by 133% over the eight year period, some particular areas have been growing faster than this overall rate. These include the following: non-government health insurance claims paid out, 307%; nursing homes, 223%; prosthetic appliances, 211%; dentists, 176%; eyeglasses, 170%; total mental health expenditures, 161%; homes for the aged, 158%; nurses, 152%; and public general hospitals, 147%. Other areas have been below this average growth rate in current dollars of 133% over the eight years. These include the following: capital expenditures for hospitals, 40%; operating costs for private mental hospitals, 50%; private active treatment hospitals, 58%; and federal hospitals, 58%; drug sundries, 79%; and physicians, 97%.

The number of Ontario population per single physician, dentist, nurse, or other health professional, is dropping steadily over the eight year time span (Table 6.1). This indicates clearly that the numbers of health professionals are increasing faster than population growth. It follows that either utilization rates per person are increasing steadily, or patient loads are decreasing, or some combination of the two effects is acting to bring about an equilibrium position. With respect to expenditures on health professionals, the rates of change from 1970/71 to 1977/78 are markedly different by type of health professional (Table 6.2). Expenditures on chiropractors, dentists and nurses, are growing at a faster rate than overall health expenditures in Ontario, whereas chiropodists, physicians, optometrists, and osteopaths, have slower growth rates.



## GENERAL SUMMARY TABLES

GRAPH A.A - Ontario Gross Provincial Product



GRAPH A.B - Ontario Net Health Expenditures

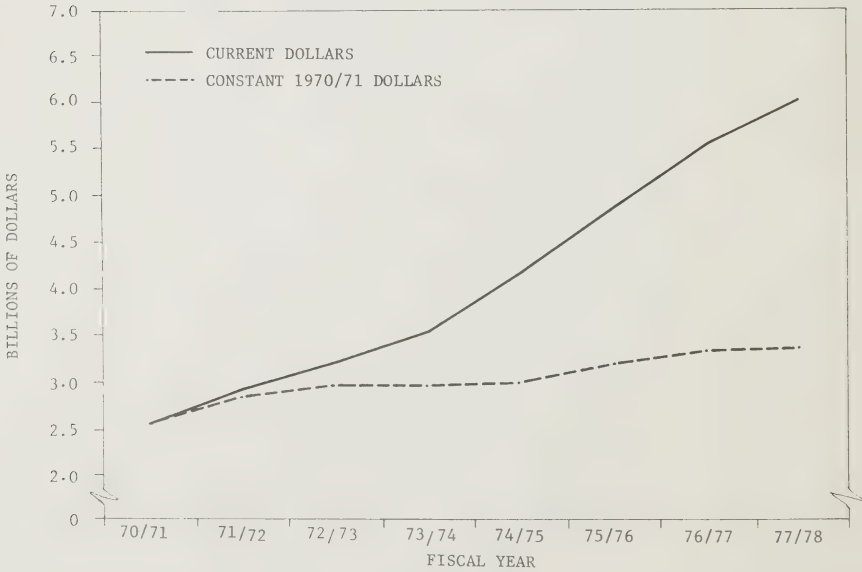




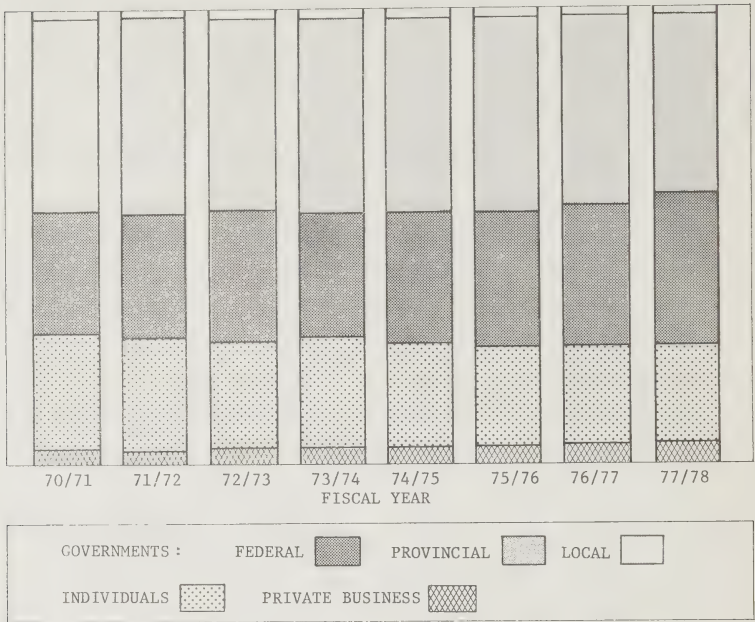
Table A - Health Care Expenditures and Selected Economic Indicators, Including Comparisons - Ontario

| ONTARIO   | MARCH 31 FISCAL YEAR END |            |            |            |            |            |            |            |                          |                          | PERCENTAGE CHANGE        |  |
|---|--------------------------|------------|------------|------------|------------|------------|------------|------------|--------------------------|--------------------------|--------------------------|--|
|   |                          |            |            |            |            |            |            |            |                          |                          |                          |  |
|   | 1970/71                  | 1971/72    | 1972/73    | 1973/74    | 1974/75    | 1975/76    | 1976/77    | 1977/78    | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |  |
| CURRENT DOLLARS (1)<br>(\$000)                              |                          |            |            |            |            |            |            |            |                          |                          |                          |  |
| Gross Provincial Product                                    | 35,852,000               | 39,732,000 | 45,160,000 | 52,910,000 | 61,576,000 | 67,649,000 | 76,096,000 | 84,048,000 | 12.5                     | 10.4                     | 134                      |  |
| Personal Income   | 28,477,000               | 31,979,000 | 35,918,000 | 41,593,000 | 48,727,000 | 55,756,000 | 62,393,000 | 68,983,000 | 11.9                     | 10.6                     | 142                      |  |
| Health Care Expenditures (2)                                | 2,578,942                | 2,933,635  | 3,206,815  | 3,540,829  | 4,181,507  | 4,883,062  | 5,539,987  | 6,011,510  | 13.5                     | 8.5                      | 133                      |  |
| CONSTANT 1970/71<br>DOLLARS<br>(\$000)                      |                          |            |            |            |            |            |            |            |                          |                          |                          |  |
| Gross Provincial Product                                    | 35,852,000               | 38,687,000 | 41,738,000 | 44,537,000 | 44,363,000 | 44,418,000 | 45,841,000 | 47,218,000 | 3.2                      | 3.0                      | 32                       |  |
| Personal Income   | 28,477,000               | 31,138,000 | 33,196,000 | 35,011,000 | 35,106,000 | 36,609,000 | 37,386,000 | 38,754,000 | 2.7                      | 3.1                      | 36                       |  |
| Health Care Expenditures                                    | 2,578,942                | 2,856,509  | 2,963,785  | 2,980,496  | 3,012,613  | 3,206,213  | 3,337,342  | 3,377,253  | 4.1                      | 1.2                      | 31                       |  |
| PERCENTAGE OF HEALTH<br>CARE TO GROSS PRODUCT<br>FOR: (3)   |                          |            |            |            |            |            |            |            |                          |                          |                          |  |
| Ontario   | 7.19                     | 7.38       | 7.10       | 6.69       | 6.79       | 7.22       | 7.28       | 7.15       | 0.8                      | -1.8                     | -1                       |  |
| Canada  | 7.17                     | 7.32       | 7.10       | 6.81       | 6.82       | 7.11       | 7.13       | 7.15       | 0.3                      | 0.3                      | 0                        |  |
| United States   | 7.65                     | 7.82       | 7.90       | 7.92       | 8.29       | 8.64       | 8.80       | 8.97       | 1.9                      | 1.9                      | 17                       |  |
| PERCENTAGE OF HEALTH<br>CARE TO PERSONAL INCOME<br>FOR: (3) |                          |            |            |            |            |            |            |            |                          |                          |                          |  |
| Ontario   | 9.06                     | 9.17       | 8.93       | 8.51       | 8.58       | 8.76       | 8.88       | 8.71       | 1.4                      | -1.9                     | -4                       |  |
| Canada  | 9.20                     | 9.30       | 8.94       | 8.61       | 8.53       | 8.65       | 8.75       | 8.83       | 1.2                      | 0.9                      | -4                       |  |
| United States   | 9.40                     | 9.69       | 9.81       | 9.79       | 10.13      | 10.55      | 10.86      | 11.13      | 2.9                      | 2.5                      | 18                       |  |

(1) Data for gross product and personal income are rounded off for both current and constant dollars.

(2) After elimination of double-counting. Total for health expenditures in Ontario is developed in Appendix 2.  
 (3) Canada estimated for 1976/77 and 1977/78 based on preliminary information for 1977. Data for Canada and the United States have been adjusted to March 31st fiscal year end. Ontario totals include items not covered by the U.S. or Canada, such as costs associated with post-secondary education for health professionals and some health administration, (i.e. see definition of health care, Appendix 1). For this reason, comparisons are not exact. Exact comparisons, if possible, should show Ontario's relative position to be slightly more favourable than that shown.  
 Slight modifications of the above ratios may occur as a result of historical adjustments to GNP and GPP.

GRAPH B.A - Percentage Share of Total Health Expenditures by  
Private Business, Individuals, and Governments in Ontario



GRAPH B.B - Percentage Share of Total Health Expenditures by Private Business,  
and Individuals, Excluding Governments in Ontario

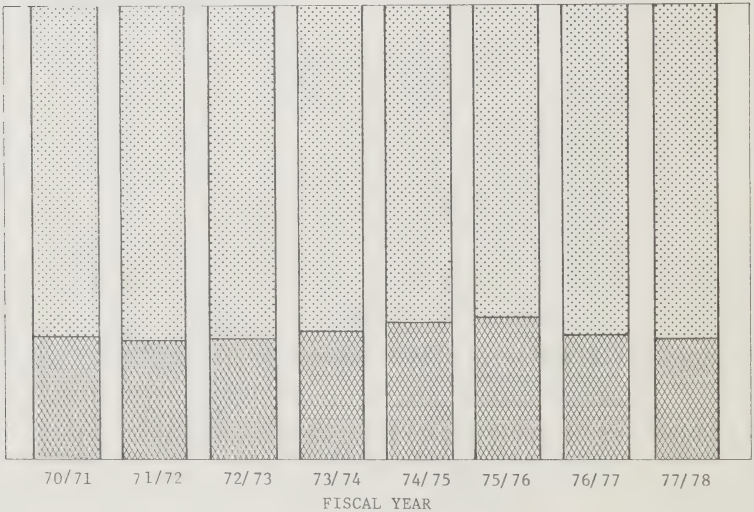


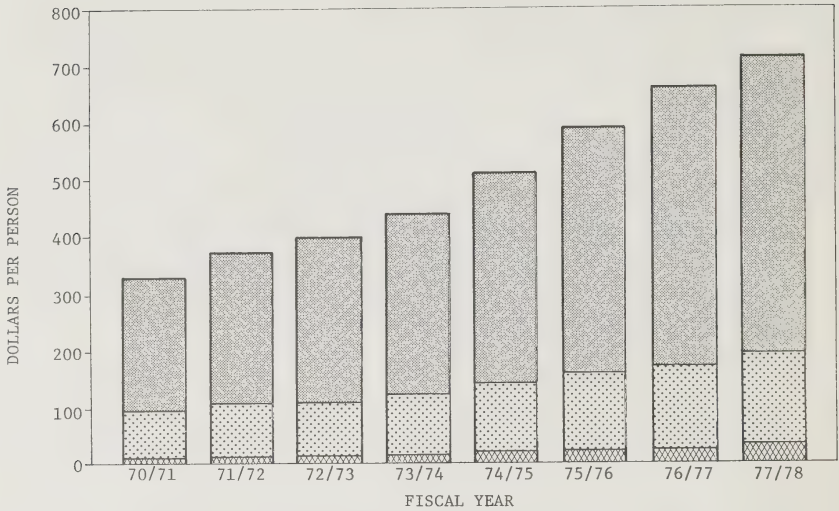
Table B - Net Health Care Expenditures by Sector - Ontario

| ONTARIO   | EXPENDITURES            |           |           |           |           |           |           |           | PERCENTAGE CHANGE        |                          |
|---|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|
|   | IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|   | 1970/71                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   |                          |                          |
| Net Health Care Expenditures By: (1)            |                         |           |           |           |           |           |           |           |                          |                          |
| Federal Government                              | 684,164                 | 784,697   | 913,995   | 960,962   | 1,182,301 | 1,431,103 | 1,724,190 | 1,991,061 | 20.5                     | 15.5                     |
| Ontario Government                              | 1,101,016               | 1,769,130 | 1,357,045 | 1,518,207 | 1,813,773 | 2,093,592 | 2,287,849 | 2,338,961 | 9.3                      | 2.2                      |
| Local Governments                               | 51,367                  | 59,544    | 73,666    | 74,610    | 85,075    | 93,657    | 106,816   | 115,239   | 14.1                     | 7.9                      |
| Total Governments                               | 1,836,547               | 2,113,371 | 2,344,706 | 2,553,779 | 3,081,149 | 3,618,352 | 4,118,855 | 4,445,261 | 13.8                     | 7.9                      |
| Private Business Individuals                    | 82,597                  | 90,606    | 104,409   | 132,076   | 157,373   | 193,265   | 226,256   | 278,034   | 17.1                     | 22.9                     |
|   | 659,798                 | 729,658   | 757,700   | 854,974   | 942,985   | 1,071,445 | 1,194,876 | 1,288,215 | 11.5                     | 7.8                      |
| Percentage to Total Health Expenditures By: (2) |                         |           |           |           |           |           |           |           |                          |                          |
| Governments                                     | 71.21                   | 72.04     | 73.12     | 72.12     | 73.69     | 74.10     | 74.35     | 73.94     | 0.3                      | -0.6                     |
| Private Business Individuals                    | 3.20                    | 3.09      | 3.25      | 3.73      | 3.76      | 3.96      | 4.08      | 4.63      | 3.0                      | 13.5                     |
|   | 25.59                   | 24.87     | 23.63     | 24.15     | 22.55     | 21.94     | 21.57     | 21.43     | -1.7                     | -0.6                     |
| FUNDING OF SYSTEM EXCLUDING GOVERNMENTS         |                         |           |           |           |           |           |           |           |                          |                          |
| Net Health Care Expenditures By: (3)            |                         |           |           |           |           |           |           |           |                          |                          |
| Private Business Individuals                    | 699,891                 | 772,752   | 860,842   | 998,831   | 1,269,493 | 1,537,186 | 1,538,734 | 1,608,075 | 0.1                      | 4.5                      |
|   | 1,879,051               | 2,160,883 | 2,345,973 | 2,541,998 | 2,912,014 | 3,345,876 | 4,001,253 | 4,403,435 | 19.6                     | 10.1                     |
| Percentage to Total Health Expenditures By:     |                         |           |           |           |           |           |           |           |                          |                          |
| Private Business Individuals                    | 27.14                   | 26.34     | 26.84     | 28.21     | 30.36     | 31.48     | 27.78     | 26.75     | -11.8                    | -3.7                     |
|   | 72.86                   | 73.66     | 73.16     | 71.79     | 69.64     | 68.52     | 72.22     | 73.25     | 5.4                      | 1.4                      |

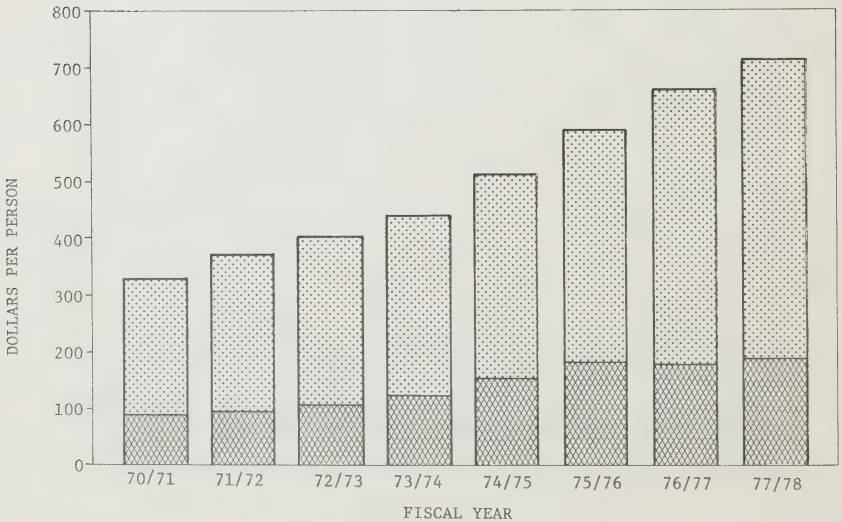
(1) Data shown in double-counting table, Appendix 2. Ontario Government is total less Federal transfers, OHIP, and WCB; local governments less OHIP and WCB. Note that local governments receive some unconditional grants from the Ontario Government. It is assumed that any such grants are not applied to health services. Private business is total from table 4.5, less OHIP and WCB paid by private business. That is, these payments are considered to be part of taxation revenue of the Ontario Government. The totals for individuals are found by differencing from the totals for Ontario health spending as shown in Table A, and developed in Appendix 2.

(2) The share of health spending in Ontario by these categories. Often the separation used is called public sector and private sector. In this case, the category "Governments" would correspond to public sector, and the sum of "Private Business", and "Individuals" corresponds to private sector. (3) Governments are funded by private business, and individuals. Excluding governments by considering taxes paid by private business versus individuals yields an alternate distribution showing the relative contributions by each of these two categories. There is some estimation involved in determining the share of taxes paid (including OHIP and WCB) by private business versus individuals.

GRAPH C.A - Per Capita Share of Total Health Expenditures by Private Business, Individuals, and Governments in Ontario



GRAPH C.B - Per Capita Share of Total Health Expenditures by Private Business, and Individuals, Excluding Governments in Ontario



| ONTARIO  | DOLLARS   |           |           |           |           |           |           |           | PERCENTAGE CHANGE        |                          |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|
|  | 1970/71   | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Population of Ontario - #                                    | 7,683,000 | 7,787,000 | 7,890,100 | 8,029,100 | 8,149,800 | 8,250,000 | 8,338,700 | 8,430,700 | 1.1                      | 1.1                      |
| Per Capita Gross Provincial Product                          | 4,666     | 5,102     | 5,724     | 6,590     | 7,556     | 8,200     | 9,126     | 9,969     | 11.3                     | 9.2                      |
| Per Capita Personal Income                                   | 3,706     | 4,107     | 4,552     | 5,180     | 5,979     | 6,758     | 7,482     | 8,182     | 10.7                     | 9.4                      |
| Per Capita Health Expenditures by: (1)                       |           |           |           |           |           |           |           |           |                          |                          |
| Governments  | 239       | 271       | 297       | 318       | 378       | 439       | 494       | 527       | 12.5                     | 6.7                      |
| Private Business   | 11        | 12        | 13        | 16        | 19        | 23        | 27        | 33        | 17.4                     | 22.2                     |
| Individuals  | 86        | 94        | 96        | 107       | 116       | 130       | 143       | 153       | 10.0                     | 7.0                      |
| Total Ontario  | 336       | 377       | 406       | 441       | 513       | 592       | 664       | 713       | 12.2                     | 7.4                      |
| Per Capita Health Expenditures Excluding Governments by: (2) |           |           |           |           |           |           |           |           |                          |                          |
| Private Business   | 91        | 99        | 109       | 124       | 156       | 186       | 184       | 191       | -1.1                     | 3.8                      |
| Individuals  | 245       | 278       | 297       | 317       | 357       | 406       | 480       | 522       | 18.2                     | 8.8                      |
| Total Ontario  | 336       | 377       | 406       | 441       | 513       | 592       | 664       | 713       | 12.2                     | 7.4                      |
| Selected Per Capita Health Expenditures for: (3)             |           |           |           |           |           |           |           |           |                          |                          |
| Physicians   | 66        | 80        | 77        | 81        | 91        | 102       | 110       | 119       | 7.8                      | 8.2                      |
| Dentists   | 17        | 20        | 22        | 25        | 28        | 32        | 37        | 43        | 15.6                     | 16.2                     |
| Nurses   | 35        | 39        | 42        | 48        | 60        | 73        | 77        | 81        | 5.5                      | 5.2                      |
| Drugs  | 39        | 41        | 43        | 47        | 53        | 65        | 75        | 84        | 15.4                     | 12.0                     |
| Drug Sundries and Health Supplies                            | 9         | 9         | 10        | 10        | 11        | 12        | 13        | 14        | 8.3                      | 7.7                      |
| Prosthetics, Hearing Aids, and Eyeglasses                    | 4         | 5         | 6         | 6         | 7         | 8         | 9         | 10        | 12.5                     | 11.1                     |
| Research   | 4         | 5         | 6         | 6         | 7         | 7         | 8         | 9         | 14.3                     | 12.5                     |

- (1) Direct spending. That is, in 1977/78, each Ontario resident spent an average \$713 on health care of which \$327 was raised through the taxation system (including OHIP and WCB premiums), and \$33 picked up by private business. The remaining \$153 are direct out-of-pocket expenditures to cover health items such as dentists, drugs, drug sundries, eyeglasses, etc.
- (2) Offers data on the two categories after adjustments to exclude Governments as a spender by considering the amount of taxes and premiums paid by private business and individuals that go towards funding the health care system. That is, in 1977/78, of the \$713 spent per Ontario resident on health care, the individual accounted for \$522 of the total and private business covered the remaining \$191.
- (3) Includes staff and office expenses for health professionals. Note that the sum of all capita expenditures (i.e., including those not shown here) contain double-counting. For example a per capita number for all hospitals would also contain a portion that can be attributed to physicians, etc.

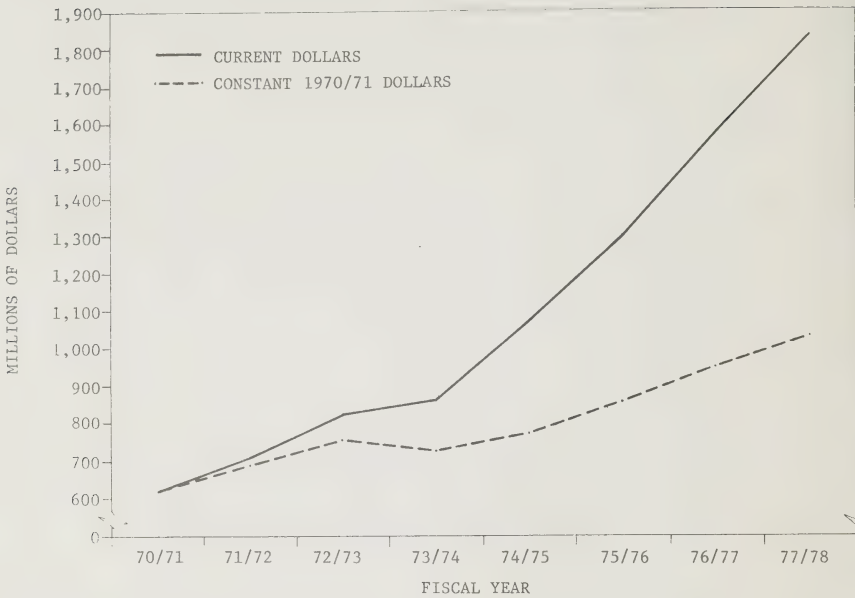


## SECTION 1 - FEDERAL GOVERNMENT

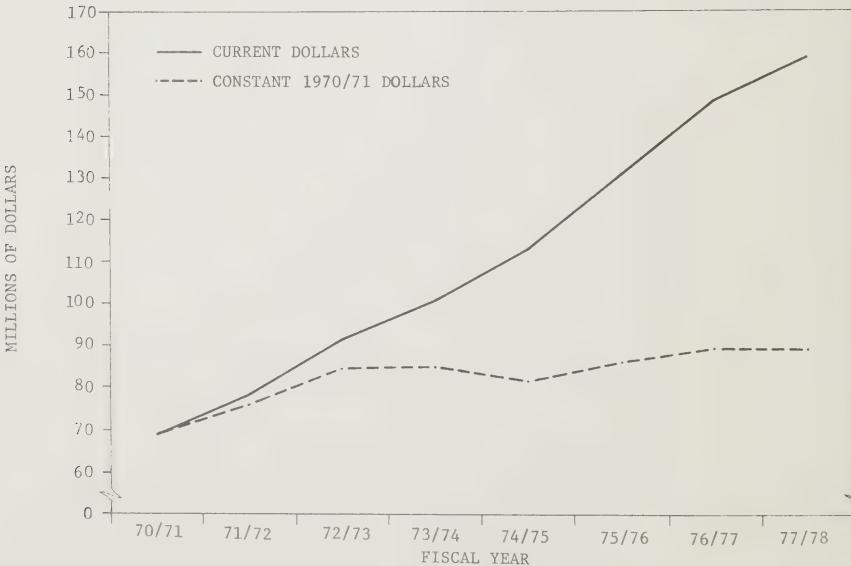
### HEALTH EXPENDITURES IN ONTARIO



GRAPH 1.A - Federal Government Health Related  
Transfer Payments to Ontario



GRAPH 1.B - Direct Federal Government  
Health Expenditures in Ontario



## SECTION 1

## Federal Government Health Expenditures in Ontario - Summary - Current and Constant 1970/71 Dollars

| FEDERAL GOVERNMENT (1)   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |           |           |           | PERCENTAGE CHANGE |     |
|--|---|---------|---------|---------|-----------|-----------|-----------|-------------------|-----|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75   | 1975/76   | 1976/77   | 1977/78           |     |
|  |   |         |         |         |           |           |           |                   |     |
| CURRENT DOLLARS  |   |         |         |         |           |           |           |                   |     |
| Total Health-Related<br>Transfer Payments to<br>the Ontario Government | 616,035                                 | 706,772 | 822,201 | 859,896 | 1,068,968 | 1,299,592 | 1,575,569 | 1,832,464         | 197 |
| Other Federal Health<br>Spending in Ontario                            | 68,129                                  | 77,925  | 91,794  | 101,066 | 113,333   | 131,511   | 148,621   | 158,597           | 133 |
| TOTAL - ALL FEDERAL<br>HEALTH SPENDING<br>IN ONTARIO                   | 684,164                                 | 784,697 | 913,995 | 960,962 | 1,182,301 | 1,431,103 | 1,724,190 | 1,991,061         | 191 |
| CONSTANT 1970/71<br>DOLLARS  |   |         |         |         |           |           |           |                   |     |
| Total Health-Related<br>Transfer Payments to<br>the Ontario Government | 616,035                                 | 688,191 | 759,890 | 723,818 | 770,150   | 853,310   | 949,138   | 1,029,474         | 67  |
| Other Federal Health<br>Spending in Ontario                            | 68,129                                  | 75,876  | 84,837  | 85,072  | 81,652    | 86,350    | 89,531    | 89,099            | 31  |
| Total - All Federal<br>Health Spending<br>In Ontario                   | 684,164                                 | 764,067 | 844,721 | 808,890 | 851,802   | 939,660   | 1,038,669 | 1,118,573         | 63  |

(1) Details on succeeding tables. Note that transfer payments here are noted as an expenditure of the Federal Government, not as a source of revenue for the Ontario provincial government. Similarly, transfer payments from the Ontario provincial government or any other relevant agency, are treated as expenditures of the Ontario government or agency.

Table 1.1 Federal Government Health Related Transfer Payments to Ontario

| FEDERAL HEALTH RELATED<br>TRANSFER PAYMENTS | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |           |           |           | PERCENTAGE CHANGE |                          |                          |
|---|---|---------|---------|---------|-----------|-----------|-----------|-------------------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75   | 1975/76   | 1976/77   | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75   | 1975/76   | 1976/77   | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Ministry of Health                          | 174,452                                 | 203,732 | 224,979 | 243,341 | 275,167   | 287,661   | 359,963   | 29,131            | 25.1                     | ...                      |
| Medical Care Act                            | 364,100                                 | 422,800 | 520,653 | 533,249 | 651,857   | 848,620   | 1,027,042 | 7,632             | 21.0                     | ...                      |
| Hospital Insurance and                      | 19,717                                  | 16,100  | 12,854  | 9,909   | 10,502    | 3,018     | 1,776     | 7,106             | - 41.2                   | 300.1                    |
| Diagnostic Services Act                     | 7,989                                   | 9,050   | 9,510   | 3,896   | 12,893    | 14,163    | 15,107    | 7,235             | - 52.1                   | - 9                      |
| Health Resources Fund                       | 5,034                                   | 3,491   | 1,030   | 525     | 1,050     | 788       | 764       | 951               | - 3.0                    | - 81                     |
| Homes For Special Care                      | 571,292                                 | 655,173 | 769,026 | 790,920 | 951,469   | 1,154,250 | 1,404,652 | 52,055            | 21.7                     | ...                      |
| Other                                       |   |         |         |         |           |           |           |                   |                          |                          |
| Total Ministry                              |   |         |         |         |           |           |           |                   |                          |                          |
| Ministry of Community (1)                   | 10,342                                  | 11,773  | 11,983  | 14,279  | 17,138    | 21,028    | 23,178    | ...               | 10.2                     | ...                      |
| and Social Services                         |   |         |         |         |           |           |           |                   |                          |                          |
| Canada Assistance Plan                      |   |         |         |         |           |           |           |                   |                          |                          |
| Homes For The Aged                          |   |         |         |         |           |           |           |                   |                          |                          |
| Other Nursing Home                          |   |         |         |         |           |           |           |                   |                          |                          |
| Care Agreement                              |   |         |         |         |           |           |           |                   |                          |                          |
| Ref. Facilities                             |   |         |         |         |           |           |           |                   |                          |                          |
| Homes For The Retarded                      |   |         |         |         |           |           |           |                   |                          |                          |
| Ref. Day Nurseries -                        |   |         |         |         |           |           |           |                   |                          |                          |
| Nurses Services Act                         | 377                                     | 564     | 530     | 556     | 807       | 949       | 750       | 651               | - 21.0                   | 73                       |
| General Welfare                             | 10,505                                  | 13,252  | 11,162  | 8,929   | 8,209     | 6,137     | 4,243     | 3,925             | - 30.9                   | - 63                     |
| Assistance Act                              | 1,178                                   | 1,455   | 1,573   | 1,623   | 2,571     | 5,990     | 7,253     | 8,298             | 21.1                     | 14.4                     |
| Family Benefits Act                         | 327                                     | 432     | 509     | 552     | 586       | 602       | 534       | 664               | - 11.3                   | 103                      |
| Children's Aid Societies                    | 168                                     | 215     | 295     | 503     | 574       | 724       | 639       | 533               | - 11.7                   | 217                      |
| Vocational Rehabilitation                   | 22,897                                  | 27,691  | 26,052  | 29,172  | 72,110    | 93,726    | 115,206   | 43,424            | 22.9                     | ...                      |
| Total Ministry                              |   |         |         |         |           |           |           |                   |                          |                          |
| Ministry of Treasury (2)                    | 21,846                                  | 23,908  | 27,123  | 39,804  | 45,389    | 51,616    | 55,711    | 57,785            | 7.9                      | 3.7                      |
| and Economics                               |   |         |         |         |           |           |           |                   |                          |                          |
| Post-Secondary Education                    |   |         |         |         |           |           |           |                   |                          |                          |
| Extended Health Care                        |   |         |         |         |           |           |           |                   |                          |                          |
| Hospital Insurance                          |   |         |         |         |           |           |           |                   |                          |                          |
| Medical Care                                |   |         |         |         |           |           |           |                   |                          |                          |
| Total Ministry                              | 21,846                                  | 23,908  | 27,123  | 39,804  | 45,389    | 51,616    | 55,711    | 1,736,985         | 7.9                      | ...                      |
| TOTAL FEDERAL TRANSFERS                     | 616,035                                 | 706,772 | 822,201 | 859,896 | 1,068,968 | 1,299,592 | 1,575,569 | 1,832,464         | 21.2                     | 16.3                     |

(1) Transfers based on funding identified with health expenditures of the Ministry of Community and Social Services, Table 2.3.

Ret. equals Retardation.  
(2) In 1977/78, new fiscal arrangements were introduced involving a cash and tax point transfer. Under these arrangements, transfers flow through the Ministry of Treasury and Economics, except for minor prior years adjustments. The Federal share for post-secondary education through the Ministry of Education, and includes the federal share of the federal share programs (Table 2.3) is estimated to be 50% of the total expenditures by the Ministry of Education, and includes

Table 1.2 Direct Federal Government Health Expenditures in Ontario

| FEDERAL GOVERNMENT<br>DIRECT EXPENDITURES<br>FOR                      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         | PERCENTAGE CHANGE |                          |
|---|---|---------|---------|---------|---------|---------|-------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77           | 1970/71<br>to<br>1977/78 |
|   |   |         |         |         |         |         | to<br>1977/78     |                          |
| Federal Hospitals Net of<br>Ontario Gov't Funding                     | 16,312                                  | 17,726  | 18,987  | 20,494  | 23,039  | 27,822  | 28,214            | 21,881                   |
| Department of National<br>Health and Welfare                          |   |         |         |         |         |         |                   |                          |
| Medical Research<br>Council   | 12,406                                  | 13,037  | 13,749  | 14,824  | 15,777  | 17,436  | 18,693            | 20,846                   |
| Health Protection<br>Program  | 10,036                                  | 12,258  | 15,564  | 16,590  | 18,633  | 20,573  | 24,872            | 26,551                   |
| Health Care Program   | 537                                     | 1,129   | 1,427   | 1,757   | 2,025   | 2,500   | 2,807             | 3,216                    |
| Medical Services<br>Program   | 16,515                                  | 18,051  | 21,172  | 21,257  | 25,949  | 30,207  | 35,001            | 39,379                   |
| Total Department  | 39,494                                  | 44,475  | 51,912  | 54,428  | 62,384  | 70,716  | 81,373            | 89,992                   |
| Other Federal Gov't, (3)  |   |         |         |         |         |         |                   |                          |
| Departments on:   |   |         |         |         |         |         |                   |                          |
| Physicians  | 1,394                                   | 1,628   | 1,892   | 3,550   | 2,602   | 3,460   | 3,987             | 4,274                    |
| Dentists  | 110                                     | 131     | 239     | 316     | 316     | 226     | 371               | 395                      |
| Health Research   | 1,041                                   | 1,119   | 1,206   | 1,359   | 1,681   | 1,703   | 1,506             | 1,661                    |
| Drugs   | 1,387                                   | 1,756   | 1,849   | 2,006   | 2,006   | 2,330   | 2,591             | 2,996                    |
| Hospital Services   | 1,847                                   | 1,868   | 1,635   | 1,502   | 1,483   | 1,592   | 3,502             | 9,166                    |
| Total Other<br>Departments  | 4,392                                   | 6,133   | 6,662   | 8,499   | 8,088   | 9,309   | 12,157            | 18,492                   |
| Fringe Benefits for (4)   |   |         |         |         |         |         |                   |                          |
| Federal Employees for:  |   |         |         |         |         |         |                   |                          |
| OHP Premiums  | 4,949                                   | 6,271   | 10,601  | 13,447  | 15,342  | 18,700  | 21,900            | 22,900                   |
| Supplementary Health<br>Workmen's Compensation<br>Board (Health Only) | 2,578                                   | 2,955   | 3,290   | 3,809   | 4,114   | 4,512   | 4,508             | 4,815                    |
| Total Federal Health<br>Fringe Benefits                               | 7,931                                   | 9,591   | 14,253  | 17,645  | 19,822  | 23,664  | 26,877            | 28,232                   |
| TOTAL DIRECT FEDERAL<br>HEALTH EXPENDITURES<br>IN ONTARIO             | 68,129                                  | 77,925  | 91,794  | 101,066 | 113,333 | 131,511 | 148,621           | 158,597                  |

(1) Includes expenditures by the Department of National Health and Welfare, Veteran's Affairs, and Defense, on their own hospitals in Ontario less funding from the Ontario Government. The gross totals for Federal hospitals are presented in Table 5.1, and the Ontario Government funding in Table 5.8.

(2) Excludes transfer payments and expenditures on health and welfare hospitals located within the Medical Services Program. After excluding similar transfer payments to other provinces, 0.36 of the remaining totals are allocated as Ontario expenditures.

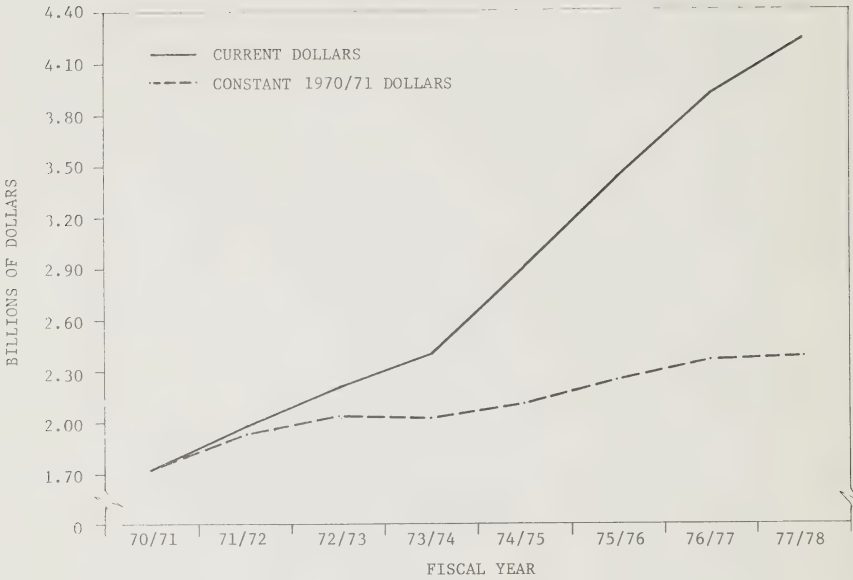
(3) Excludes Federal hospitals which are shown above. Payments for drugs and hospital services for veterans are expended by the Department of Veteran's Affairs, which also accounts for a portion of the physicians, dentists and health research. Solicitor General has expenditures for physicians and dentists and Department of Defense for physicians. Defense Research Board, National Research Council, and Statistics Canada spend small amounts on health research. The large increase in hospital services in 1977/78 is related to Westminster hospital going public and much larger payments by DVA to Sunnybrook General Hospital.

(4) Federal employees in Ontario. Data is partially estimated, particularly for supplementary health, and OHP prior to 1975/76.

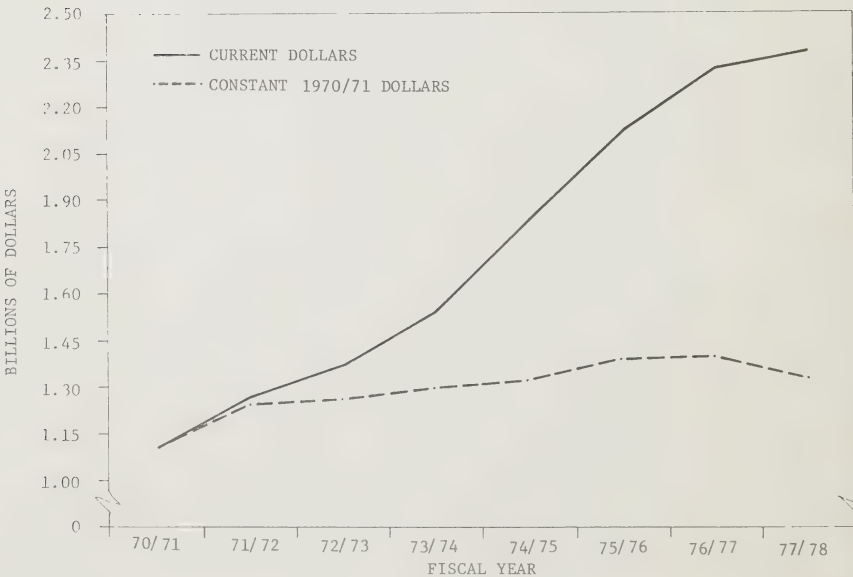


SECTION 2 - ONTARIO GOVERNMENT  
HEALTH EXPENDITURES

GRAPH 2.A - Total Ontario Government Health Expenditures



GRAPH 2.B - Total Ontario Government Health Expenditures  
Less Revenues Received from Other Levels of Government





Ontario Government Health Expenditures - Summary - Current and Constant 1970/71 Dollars

| HEALTH EXPENDITURES<br>ASSOCIATED WITH<br>THE ONTARIO GOVERNMENT <sup>(1)</sup> | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           | PERCENTAGE CHANGE |                          |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|--------------------------|
|   | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78           | 1976/77<br>to<br>1977/78 |
|   | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78           |                          |
| CURRENT DOLLARS   |   |           |           |           |           |           |           |                   |                          |
| Ministry of Health  | 1,590,603                               | 1,830,250 | 2,033,125 | 2,194,273 | 2,578,150 | 3,019,195 | 3,438,623 | 3,680,109         | 13.9                     |
| Ministry of Community<br>and Social Services                                    | 49,336                                  | 59,838    | 66,482    | 76,256    | 186,900   | 234,757   | 281,907   | 344,533           | 20.1                     |
| Other Ministries  | 15,243                                  | 22,588    | 19,647    | 24,734    | 26,187    | 30,088    | 31,620    | 29,552            | 5.1                      |
| Ministry of Education <sup>(2)</sup>  | 40,462                                  | 44,293    | 50,631    | 75,727    | 86,914    | 99,239    | 107,541   | 111,438           | 8.4                      |
| Workmen's Compensation<br>Board (Health Only) - Net                             | 34,633                                  | 35,539    | 36,647    | 39,274    | 43,476    | 52,734    | 58,238    | 63,731            | 10.4                     |
| TOTAL ONTARIO GOV'T.<br>HEALTH EXPENDITURES                                     | 1,730,277                               | 1,992,508 | 2,206,532 | 2,410,264 | 2,921,627 | 3,436,013 | 3,917,929 | 4,229,363         | 14.0                     |
| CONSTANT 1970/71<br>DOLLARS   |   |           |           |           |           |           |           |                   |                          |
| Ministry of Health  | 1,590,603                               | 1,782,132 | 1,879,043 | 1,847,031 | 1,857,457 | 1,982,400 | 2,071,460 | 2,067,477         | 4.5                      |
| Ministry of Community<br>and Social Services                                    | 49,336                                  | 58,265    | 61,444    | 64,189    | 134,654   | 154,141   | 169,823   | 193,558           | 10.2                     |
| Other Ministries  | 15,243                                  | 21,994    | 18,158    | 20,820    | 18,867    | 19,756    | 19,048    | 16,602            | - 3.6                    |
| Ministry of Education   | 40,462                                  | 43,129    | 46,794    | 63,743    | 62,618    | 65,160    | 64,784    | 62,606            | - 0.6                    |
| Workmen's Compensation<br>Board (Health Only) - Net                             | 34,633                                  | 34,605    | 33,870    | 33,059    | 31,323    | 34,625    | 35,083    | 35,804            | 1.3                      |
| Total Ontario Gov't.<br>Health Expenditures                                     | 1,730,277                               | 1,940,125 | 2,039,309 | 2,028,842 | 2,104,919 | 2,256,082 | 2,360,198 | 2,376,047         | 4.6                      |

(1) Expenditures arise from revenues received from the tax base (including federal transfers) and from non-tax sources such as OHIP premium revenue, sales, fees, etc. The larger part of OHIP premium revenue comes from private business, while WCB is fully funded by employers. Since these areas come under the direction of the Ontario Government, their expenditures are located within this section as Ontario Government expenditures.

(2) Incorporating WCB into the public sector can create confusion with respect to the development of the ratio showing Ontario Government health expenditures as a proportion of total Ontario Government Expenditures, since WCB is not normally totalled into the Ontario Government. Excluding WCB, this ratio is as follows, for the years 1970/71 to 1977/78: 29.42; 29.60; 31.00; 30.19; 30.04; 29.47; 31.43; and 30.94 respectively. The total for Ontario Government expenditures used to develop this ratio is composed of budgetary transactions, and the net for non-budgetary transactions, and excludes debt transactions. The totals are augmented in 1970/71 and 1971/72 to incorporate the former Ontario Hospital Services Commission, in order to correspond to a similar adjustment in which expenditure data for the Commission has been incorporated into Ministry of Health data for 1970/71 and 1971/72.

Net for WCB here refers to the reduction of WCB totals (Table 2.6) by the amount paid to WCB (health only) by Ontario Government Ministries for their own employees.

Table 2.1 Expenditures of the Ontario Ministry of Health

| MINISTRY OF HEALTH (1)           | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           |                          |                          | PERCENTAGE CHANGE        |         |
|----------------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|--------------------------|---------|
|                                  | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 | 1977/78 |
|                                  |   |           |           |           |           |           |           |           |                          |                          |                          |         |
| Salaries and Wages               | .                                       | .         | 183,020   | 201,772   | 156,089   | 170,177   | 184,361   | 180,055   | 8.3                      | - 2.3                    | ...                      | ...     |
| Employee Benefits                | .                                       | .         | 16,310    | 18,906    | 16,764    | 20,044    | 23,326    | 24,226    | 16.4                     | 3.9                      | ...                      | ...     |
| Transportation and Communication | .                                       | .         | 5,027     | 5,093     | 4,722     | 5,189     | 5,614     | 6,041     | 8.2                      | 7.6                      | ...                      | ...     |
| Services                         | .                                       | .         | 15,672    | 14,327    | 14,831    | 18,757    | 21,562    | 22,801    | 15.0                     | 5.7                      | ...                      | ...     |
| Supplies and Equipment           | .                                       | .         | 22,919    | 25,090    | 20,294    | 20,816    | 21,805    | 24,155    | 4.8                      | 10.8                     | ...                      | ...     |
| Transfer Payments                | .                                       | .         | 1,759,136 | 1,895,660 | 2,328,181 | 2,744,445 | 3,137,533 | 3,378,376 | 14.3                     | 7.7                      | ...                      | ...     |
| Other Transactions               | .                                       | .         | 31,041    | 33,425    | 37,269    | 39,767    | 44,422    | 44,455    | 11.7                     | 0.1                      | ...                      | ...     |
| Net - Including Disbursements    | (2)                                     | (2)       | 2,033,125 | 2,194,273 | 2,578,150 | 3,019,195 | 3,438,623 | 3,680,109 | 13.9                     | 7.0                      | ...                      | ...     |
| TOTAL MINISTRY (3)<br>OF HEALTH  | 1,590,603                               | 1,830,250 |           |           |           |           |           |           |                          |                          |                          | 131     |

(1) Includes all expenditures, capital and current, and within or outside Ontario. Expenditures are gross, before deduction of reimbursements and revenues received such as fees, licences, receipts from sales, OHIP premiums, etc.

(2) Includes expenditures on the Ontario Hospital Insurance Plan which was previously administered by the Ontario Hospital Services Commission until March 31, 1972. Due to changing the accounting system from an accrual basis to a cash flow basis and adjusting OHSC data from a calendar to fiscal year, 1970/71 data may vary by one-half percent with respect to the total.

(3) Note that Retardation Services were transferred to the Ministry of Community and Social Services in 1974/75 and Institutional Services for children in 1977/78. In-plant health services to employees was transferred to the Ministry of Government Services in 1975 and Occupational Health to the Ministry of Labour in 1976/77.

Table 2.2 Selected Ontario Ministry of Health Expenditures Related to OHIP

| OHIP FEE-FOR-SERVICE (1)<br>PAYMENTS         | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|
|  |   |         |         |         |         |         |         | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 |                          |                          |                          |
| By Type of Service:                          |   |         |         |         |         |         |         |                          |                          |                          |
| Medical                                      | 422,279                                 | 464,426 | 499,077 | 527,871 | 615,940 | 696,700 | 750,914 | 7.8                      | 11.8                     | 99                       |
| Dental                                       | 4,777                                   | 5,253   | 5,646   | 5,840   | 6,114   | 6,478   | 4,258   | -34.3                    | -7.0                     | -17                      |
| Optometric                                   | 5,633                                   | 6,195   | 6,657   | 6,783   | 9,690   | 12,020  | 13,048  | 8.6                      | 14.0                     | 164                      |
| Chiropractic                                 | 13,184                                  | 14,499  | 15,581  | 17,164  | 17,566  | 18,630  | 20,078  | 7.8                      | 15.2                     | 75                       |
| Osteopathic                                  | 538                                     | 591     | 636     | 585     | 551     | 506     | 455     | -10.1                    | -5.5                     | -20                      |
| Chiropody                                    | 1,703                                   | 1,874   | 2,013   | 2,327   | 2,602   | 2,837   | 2,659   | -6.3                     | 11.1                     | 73                       |
| Total  | 448,114                                 | 492,838 | 529,610 | 560,570 | 652,463 | 737,171 | 791,412 | 7.4                      | 11.8                     | 97                       |
| By Category:                                 |   |         |         |         |         |         |         |                          |                          |                          |
| Groups                                       | 278,377                                 | 306,163 | 329,010 | 346,288 | 400,664 | 445,187 | 471,802 | 6.0                      | 10.4                     | 87                       |
| Full Pay                                     | 66,003                                  | 72,590  | 78,007  | 86,512  | 102,006 | 118,051 | 123,879 | 4.9                      | 9.5                      | 106                      |
| Partially Assisted                           | 1,209                                   | 1,329   | 1,428   | 1,769   | 1,758   | 1,616   | 164     | -89.9                    | 85.4                     | -75                      |
| Fully Assisted                               | 14,474                                  | 15,918  | 17,095  | 17,310  | 17,682  | 19,483  | 24,951  | 28.1                     | 23.3                     | 112                      |
| 65 and Over                                  | 59,778                                  | 65,744  | 70,640  | 82,791  | 99,879  | 115,669 | 129,605 | 12.0                     | 15.8                     | 151                      |
| Department of<br>Veterans Affairs            | 1,297                                   | 1,426   | 1,533   | 1,936   | 2,570   | 3,124   | 3,676   | 17.7                     | 20.1                     | 240                      |
| Mun./Prov. Welfare                           | 26,976                                  | 29,668  | 31,897  | 23,964  | 27,904  | 34,041  | 37,335  | 9.7                      | 14.3                     | 58                       |
| Total  | 448,114                                 | 492,838 | 529,610 | 560,570 | 652,463 | 737,171 | 791,412 | 7.4                      | 11.8                     | 97                       |
| Hospitals Outside<br>Ontario For OHIP Claims | 7,642                                   | 8,782   | 9,633   | 10,988  | 12,310  | 15,649  | 20,112  | 28.5                     | 13.4                     | 198                      |

(1) Estimated for 1970/71 and 1971/72 using known totals for the plans in existence then, and ratios developed from 1972/73 data for OHIP.

Table 2.3 Health Expenditures of the Ontario Ministry of Community and Social Services

|   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |                          |                          | PERCENTAGE CHANGE        |  |
|---|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|--|
|   |   |         |         |         |         |         |         |         |                          |                          |                          |  |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |  |
| MINISTRY OF COMMUNITY<br>AND SOCIAL SERVICES              |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| SOCIAL RESOURCES PROGRAM <sup>(1)</sup>                   |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| Payments to Homes For<br>the Aged                         | 23,550                                  | 26,786  | 35,490  | 47,605  | 55,512  | 67,439  | 74,260  | 83,405  | 10.1                     | 12.3                     | 254                      |  |
| Operating Capital   | 3,839                                   | 4,316   | 3,106   | 2,546   | 1,488   | 2,842   | 3,734   | 818     | 31.4                     | - 78.1                   | - 79                     |  |
| Total Homes For<br>the Aged                               | 27,389                                  | 31,102  | 38,596  | 50,151  | 57,000  | 70,281  | 77,994  | 84,223  | 11.0                     | 8.0                      | 208                      |  |
| Payments Under the General<br>Welfare Assistance Act For: |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| Nursing Homes   | 13,896                                  | 16,932  | 12,413  | 8,809   | 6,324   | 1,259   | 835     | 762     | -33.7                    | - 8.7                    | - 95                     |  |
| Dentists  | 334                                     | 534     | 639     | 4,589   | 807     | 1,130   | 963     | 1,283   | -14.8                    | 33.2                     | 284                      |  |
| Drugs   | 2,344                                   | 3,020   | 3,345   | 4,588   | 5,259   | 6,587   | 4,327   | 3,660   | -34.3                    | 15.4                     | 56                       |  |
| Health Supplies   | *                                       | *       | 4       | 26      | 11      | 14      | 15      | 18      | 7.1                      | 20.0                     | ...                      |  |
| Optical-Eyeglasses  | 192                                     | 328     | 394     | 480     | 381     | 405     | 307     | 346     | -24.2                    | 12.7                     | 80                       |  |
| Prosthetic Appliances                                     | 48                                      | 82      | 98      | 120     | 95      | 101     | 77      | 86      | -23.8                    | 11.7                     | 79                       |  |
| Total General Welfare<br>Assistance                       | 16,814                                  | 20,896  | 17,093  | 14,612  | 12,877  | 9,496   | 6,524   | 6,155   | -31.3                    | - 5.7                    | - 63                     |  |
| Payments Under the Family<br>Benefits Act For:            |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| Dentists  | 1,889                                   | 2,392   | 2,571   | 2,608   | 2,975   | 3,710   | 4,273   | 4,938   | 15.2                     | 15.6                     | 161                      |  |
| Drugs   | ...                                     | ...     | ...     | ...     | 1,629   | 7,482   | 9,888   | 11,077  | 32.2                     | 12.0                     | ...                      |  |
| Eyeglasses  | 445                                     | 494     | 549     | 610     | 678     | 753     | 917     | 1,048   | 21.8                     | 14.3                     | 136                      |  |
| Hearing Aids  | 21                                      | 23      | 25      | 28      | 31      | 34      | 63      | 82      | 85.3                     | 30.2                     | 290                      |  |
| Total Family Benefits Act                                 | 2,355                                   | 2,909   | 3,145   | 3,246   | 5,313   | 11,979  | 15,141  | 17,145  | 26.4                     | 13.2                     | 628                      |  |
| Rehabilitation Services                                   |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| Payments For:   |   |         |         |         |         |         |         |         |                          |                          |                          |  |
| Dentists  | 39                                      | 44      | 49      | 54      | 60      | 94      | 77      | 84      | -18.1                    | 9.1                      | 115                      |  |
| Drugs   | 17                                      | 19      | 21      | 23      | 26      | 45      | 45      | 45      | 0.0                      | 0.0                      | 165                      |  |
| Health Supplies   | 6                                       | 8       | 9       | 10      | 11      | 19      | 19      | 19      | 0.0                      | 0.0                      | 171                      |  |
| Eyeglasses  | 8                                       | 7       | 7       | 8       | 9       | 15      | 14      | 14      | - 6.7                    | 0.0                      | 133                      |  |
| Hearing Aids  | 8                                       | 9       | 10      | 12      | 13      | 17      | 15      | 19      | -11.8                    | 26.7                     | 138                      |  |
| Prosthetic Appliances                                     | 145                                     | 161     | 179     | 199     | 221     | 384     | 287     | 196     | -25.3                    | -31.7                    | 35                       |  |
| Service Arrangements<br>for Disabled Persons              | 114                                     | 181     | 266     | 700     | 807     | 873     | 988     | 1,023   | 13.2                     | 3.5                      | 797                      |  |
| Total Services  | 336                                     | 429     | 541     | 1,006   | 1,147   | 1,447   | 1,445   | 1,400   | - 0.1                    | - 3.1                    | 317                      |  |
| Nurses' Services Act                                      | 605                                     | 902     | 848     | 950     | 1,297   | 1,518   | 1,200   | 1,343   | -20.9                    | 11.9                     | 122                      |  |
| TOTAL SOCIAL  | 47,489                                  | 56,238  | 60,223  | 69,965  | 77,634  | 94,721  | 102,304 | 110,266 | 8.0                      | 7.8                      | 132                      |  |

## EXPENDITURES

## IN THOUSANDS OF DOLLARS

## PERCENTAGE CHANGE

1970/71

1971/72

1972/73

1973/74

1974/75

1975/76

1976/77

1977/78

1976/77

1977/78

1970/71

1971/72

1972/73

1973/74

1974/75

1975/76

1976/77

1977/78

1976/77

1977/78

1970/71

1971/72

1972/73

1973/74

1974/75

1975/76

1976/77

1977/78

1976/77

1977/78

MINISTRY OF COMMUNITY  
AND SOCIAL SERVICES

## DEVELOPMENTAL RESOURCES (2)

## PROGRAM

Program Administration

Facility Services

Community Programs

TOTAL PROGRAM

## CHILDREN'S SERVICES (3)

## PROGRAM

Community Mental

Health Facilities

Developmental Day

Nurseries

Detention and Correctional

Services

Children's Aid Societies and

Institutions For:

Physicians

Dentists

Drugs

Health Supplies

Optical-Eyeglasses

Prosthetic Appliances

Administration

Total Children's Aid

Services

TOTAL PROGRAM

TOTAL MINISTRY -

ALL PROGRAMS

(1) Expenditure data on Homes for the Aged are limited to the extended care program (April, 1972), which requires a minimum of 1½ hours of nursing and personal care per day. Data for 1970/71 and 1971/72 represents spending on bed care and special care and is estimated.

Data under the Family Benefits Act for eyeglasses and hearing aids is estimated from 1970/71 to 1974/75 by taking 90% of the succeeding year. Similarly, with the exception of "service arrangements for disabled persons", data for rehabilitation services has been estimated from 1970/71 to 1973/74. The total under the Nurses' Services Act (adjusted to exclude Homemakers) is the above total plus that given for Local Governments in Table 3.1.

(2) Retardation Services were transferred from the Ministry of Health in 1974/75. Expenditures on Developmental Day Nurseries have been incorporated within this Program in 1976/77 in the Public Accounts. The total given for 1976/77 here is less than shown in Public Accounts by the estimate for developmental day nurseries, which is presented under Children's Services.

(3) In 1977/78, transfers of funding and responsibility for children's services was passed to Community and Social Services from the Ministries of Health and Correctional Services. Data for Correctional Services is the sum of cost centres for medical, psychiatric, dental, and psychological services. Health Administration for Children's Aid Societies and Institutions is estimated as 5% of health costs. The total for Children's Aid in a given year is the above sum for Ontario Government spending and the sum for Local Governments spending shown in Table 3.1. Breakouts are not shown in Table 3.1 because of space restrictions.

Table 2.4 Health Expenditures of Other Ontario Government Ministries

| Table 2.4 Health Expenditures of Other Ontario Government Ministries |   |         |         |         |         |         |         |                   |               |               |               |
|--|---|---------|---------|---------|---------|---------|---------|-------------------|---------------|---------------|---------------|
| OTHER ONTARIO<br>GOVERNMENT MINISTRIES                               | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |               |               |               |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1975/76       | 1976/77       | 1970/71       |
|  |   |         |         |         |         |         |         |                   | to<br>1976/77 | to<br>1977/78 | to<br>1977/78 |
| Ministry of<br>Government Services (1)                               |   |         |         |         |         |         |         |                   |               |               |               |
| Capital Expenditures   | 7,762                                   | 13,241  | 9,374   | 11,946  | 11,820  | 13,170  | 11,890  | 7,980             | - 9.7         | - 32.9        | 3             |
| on Hospitals   | 1,370                                   | 2,337   | 1,654   | 2,108   | 1,198   | 1,873   | 2,075   | 1,233             | 10.8          | - 40.6        | - 10          |
| Other Capital Costs  | 2,566                                   | 2,851   | 3,168   | 3,520   | 2,952   | 3,440   | 3,014   | 2,976             | - 12.4        | - 11.3        | 16            |
| Leasing Costs  | ..                                      | ..      | ..      | ..      | ..      | 737     | 843     | 933               | 14.4          | 10.7          | ..            |
| Employee Health Services   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | ..                | ..            | ..            | ..            |
| Total Ministry   | 11,698                                  | 18,429  | 14,196  | 17,574  | 15,970  | 19,220  | 17,822  | 13,122            | - 7.3         | - 26.4        | 12            |
| Ministry of the<br>Solicitor General (2)                             |   |         |         |         |         |         |         |                   |               |               |               |
| Coroners Services  | 660                                     | 787     | 959     | 1,064   | 1,412   | 1,418   | 1,428   | 1,503             | 0.7           | 5.3           | 128           |
| Pathology Services   | 385                                     | 459     | 559     | 621     | 827     | 1,188   | 1,215   | 1,296             | 2.3           | 6.7           | 237           |
| Salaried Physicians  | 0                                       | 0       | 30      | 99      | 147     | 182     | 360     | 384               | 97.8          | 6.7           | ..            |
| Nurses   | 17                                      | 18      | 18      | 20      | 26      | 27      | 17      | 18                | - 37.0        | 5.9           | 6             |
| Medical Lab  | 40                                      | 59      | 66      | 89      | 216     | 227     | 302     | 334               | 33.0          | 10.6          | 735           |
| Technicians  | 10                                      | 20      | 5       | 6       | 2       | 67      | 27      | 35                | - 59.7        | 29.6          | 250           |
| Drugs and Supplies   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | ..                | ..            | ..            | ..            |
| Total Ministry   | 1,112                                   | 1,343   | 1,637   | 1,899   | 2,630   | 3,109   | 3,349   | 3,570             | 7.7           | 6.6           | 221           |
| Ministry of Labour (3)   |   |         |         |         |         |         |         |                   |               |               |               |
| Physicians   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 631               | ..            | ..            | ..            |
| Nurses   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 187               | ..            | ..            | ..            |
| Industrial Chest   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | ..                | ..            | ..            | ..            |
| Disease Service  | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 612               | ..            | ..            | ..            |
| Radiation Protection   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | ..                | ..            | ..            | ..            |
| Lab and Services   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 910               | ..            | ..            | ..            |
| Health Engineering   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 817               | ..            | ..            | ..            |
| Research   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 347               | ..            | ..            | ..            |
| Administration   | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 177               | ..            | ..            | ..            |
| Other  | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | 190               | ..            | ..            | ..            |
| Total Ministry   | ..                                      | ..      | ..      | ..      | ..      | ..      | 758     | 3,871             | ..            | ..            | ..            |
| Ministry of Environment<br>Public Health Inspectors                  | ..                                      | ..      | 724     | 1,720   | 3,246   | 187     | 232     | 227               | 24.1          | - 2.2         | ..            |

Table 2.4 - Continued - Health Expenditures of Other Ontario Government Ministries

| OTHER ONTARIO<br>GOVERNMENT MINISTRIES        | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|   |   |         |         |         |         |         |         |                          |                          |
| Ministry of<br>Corrections Services (4)       |   |         |         |         |         |         |         |                          |                          |
| Physicians                                    | 717                                     | 771     | 844     | 1,054   | 1,275   | 1,214   | 1,300   | 7.1                      | - 12.2                   |
| Dentists                                      | 185                                     | 192     | 239     | 236     | 263     | 340     | 472     | 38.8                     | - 27.8                   |
| Nurses  | 441                                     | 541     | 636     | 802     | 1,022   | 1,200   | 1,873   | 56.1                     | - 9.0                    |
| Optometrists                                  | 28                                      | 36      | 24      | 33      | 31      | 35      | 36      | 2.9                      | - 55.6                   |
| Psychologists                                 | 186                                     | 257     | 332     | 402     | 601     | 655     | 795     | 21.4                     | - 28.1                   |
| Psychometrists                                | 166                                     | 224     | 222     | 216     | 236     | 207     | 366     | 201                      | - 45.1                   |
| Drugs   | 98                                      | 108     | 138     | 171     | 183     | 210     | 220     | 3.6                      | - 4.4                    |
| Health Supplies                               | 42                                      | 46      | 59      | 73      | 78      | 90      | 94      | 4.4                      | - 13.3                   |
| Hospitalization                               | 200                                     | 156     | 93      | 28      | 15      | 5       | 4       | - 20.0                   | - 99                     |
| Administration                                | 96                                      | 148     | 174     | 174     | 230     | 287     | 306     | 6.6                      | - 15.7                   |
| Other   | 33                                      | 34      | 48      | 93      | 107     | 98      | 156     | 59.2                     | - 48.7                   |
| Total Ministry                                | 2,192                                   | 2,513   | 2,809   | 3,282   | 4,041   | 4,341   | 5,622   | 29.5                     | - 17.4                   |
| Additional Ontario Gov't. (5)                 |   |         |         |         |         |         |         |                          |                          |
| Health Spending on<br>Employees for:          |   |         |         |         |         |         |         |                          |                          |
| Workmen's Compensation<br>Board (Health Only) | 241                                     | 303     | 281     | 259     | 300     | 364     | 375     | 3.0                      | 6.4                      |
| Supplementary Health<br>Benefits              | ..                                      | ..      | ..      | ..      | ..      | 2,867   | 3,462   | 20.8                     | 7.5                      |
| Total Additional<br>Fringe Benefits           | 241                                     | 303     | 281     | 259     | 300     | 3,231   | 3,837   | 18.8                     | 7.4                      |
| TOTAL OTHER ONTARIO<br>GOVERNMENT MINISTRIES  | 15,243                                  | 22,588  | 19,647  | 24,734  | 26,187  | 30,088  | 31,620  | 5.1                      | - 6.5                    |
|   |   |         |         |         |         |         |         |                          | 94                       |

(1) Assumes responsibility for capital construction and maintenance of buildings for the Ontario Government. Capital costs shown are health related. These costs are estimated for 1970/71 and 1971/72 as are leasing costs for 1970/71 to 1972/73. Employee health services have been transferred from the Ministry of Health in 1975.

(2) Payments for Coroners' and Pathologists' services are to physicians. About 90% of the total is for fees and 10% for expenses. Costs such as autopsy facilities and transportation of bodies are not included.

(3) Occupational health services shifted from the Ministry of Health to the Ministry of Labour in 1977. Data on physicians and nurses are totals and may overlap with other categories presented. However, adjustments have been made within the category "Other" to maintain an accurate overall total. Health engineering concerns investigation of plant facilities to prevent health hazards.

(4) The category "Other" includes dental assistant and pharmacy, medical and dental equipment, tuberculosis care for inmates, and miscellaneous. In 1977/78 juvenile observation and detention homes and related services were transferred to the Ministry of Community and Social Services under the Children's Services Program.

(5) Includes all Ministries except the Ministry of Health and a portion of the Ministry of Community and Social Services (i.e. Developmental Resources Program). Their inclusion would result in overlap or double-counted expenditures. OHP payments for Ontario Government employees are treated as internal transfers to the Ministry of Health, and are thus excluded to prevent double-counting.



Table 2.5 Health Expenditures of the Ontario Ministry of Education

| MINISTRY OF EDUCATION                      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE |               |     |
|--|---|---------|---------|---------|---------|---------|---------|---------|-------------------|---------------|-----|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76           | 1970/71       |     |
|  |   |         |         |         |         |         |         |         | to<br>1976/77     | to<br>1977/78 |     |
| Transfer Payments to Universities For: (1) |   |         |         |         |         |         |         |         |                   |               |     |
| Medicine                                   | 18,452                                  | 18,807  | 21,857  | 23,456  | 25,872  | 28,917  | 32,087  | 35,975  | 11.0              | 12.1          | 95  |
| Interns and Residents                      | 7,400                                   | 8,339   | 9,143   | 9,578   | 11,451  | 12,865  | 14,486  | 16,529  | 12.8              | 14.1          | 123 |
| Dentistry and Dental Hygiene               | 5,751                                   | 6,455   | 6,716   | 7,047   | 7,616   | 8,418   | 9,017   | 9,767   | 7.1               | 8.3           | 70  |
| Optometry                                  | 683                                     | 995     | 1,146   | 1,242   | 1,363   | 1,433   | 1,638   | 1,766   | 14.3              | 7.8           | 159 |
| Pharmacy                                   | 1,899                                   | 2,094   | 2,209   | 2,473   | 2,599   | 2,776   | 2,994   | 3,177   | 7.9               | 6.1           | 67  |
| Physiotherapy and Occupational Therapy     | 1,272                                   | 1,362   | 1,511   | 1,776   | 2,165   | 2,585   | 3,011   | 3,139   | 16.5              | 4.3           | 147 |
| Nursing                                    | 6,070                                   | 6,443   | 6,749   | 9,051   | 10,506  | 11,920  | 12,906  | 12,622  | 8.3               | - 2.2         | 108 |
| Others                                     | 726                                     | 883     | 955     | 1,033   | 1,311   | 1,550   | 1,529   | 1,722   | - 1.4             | 12.6          | 137 |
| Total Program Costs                        | 42,253                                  | 45,378  | 50,286  | 56,056  | 62,863  | 70,444  | 77,668  | 84,697  | 10.3              | 9.1           | 101 |
| Less Student Fees                          | 3,457                                   | 3,768   | 4,523   | 4,875   | 5,087   | 5,328   | 5,415   | 6,219   | 1.6               | 14.8          | 80  |
| Total Transfers by Ministry                | 38,796                                  | 41,610  | 45,763  | 51,181  | 57,776  | 65,116  | 72,253  | 78,478  | 11.0              | 8.6           | 102 |
| Transfer Payments to Colleges For: (2)     |   |         |         |         |         |         |         |         |                   |               |     |
| Nursing                                    | 140                                     | 188     | 234     | 18,525  | 20,948  | 24,650  | 23,212  | 19,475  | - 5.8             | -16.1         | ... |
| Nursing Assistants                         | ..                                      | ..      | 287     | 469     | 919     | 1,232   | 1,065   | 1,196   | -13.6             | 12.3          | ... |
| Others                                     | 1,298                                   | 2,249   | 3,429   | 4,557   | 6,048   | 6,906   | 9,477   | 10,201  | 37.2              | 7.6           | 685 |
| Total Transfers by Ministry                | 1,438                                   | 2,437   | 3,960   | 23,551  | 27,915  | 32,788  | 33,754  | 30,872  | 2.9               | - 8.5         | ... |
| Direct Expenditures On:                    |   |         |         |         |         |         |         |         |                   |               |     |
| Nurses                                     | 87                                      | 92      | 757     | 831     | 1,027   | 1,182   | 1,313   | 1,799   | 11.1              | 37.0          | ... |
| Psychologists                              | 31                                      | 34      | 37      | 40      | 65      | 74      | 74      | 112     | 51.4              | 261           | ... |
| Psychometrists                             | 63                                      | 68      | 62      | 66      | 46      | 46      | 55      | 59      | 19.6              | 7.3           | - 6 |
| Supplies and Equipment                     | 15                                      | 16      | 12      | 19      | 41      | 17      | 43      | 66      | 152.9             | 53.5          | 340 |
| Services                                   | 32                                      | 36      | 40      | 39      | 44      | 49      | 49      | 52      | 0.0               | 6.1           | 63  |
| Total                                      | 228                                     | 246     | 908     | 995     | 1,223   | 1,335   | 1,534   | 2,088   | 14.9              | 36.1          | 816 |
| TOTAL HEALTH RELATED MINISTRY EXPENDITURES | 40,462                                  | 44,293  | 50,631  | 75,727  | 86,914  | 99,239  | 107,541 | 111,438 | 8.4               | 3.6           | 175 |

(1) Total Program costs are determined by the number of basic income units (B.I.U.) times the B.I.U. value in a given year. Ministry expenditures account for this whole cost after fees paid by students are subtracted out. Nursing includes the nursing program at Ryerson for which non-formula funds were expended. The category "Others" includes Hygiene and Public Health, Clinical Behavioural Science, and Hospital Administration. For graduates, full-time equivalents are for two terms found by taking one-half the sum of four terms. The number of B.I.U. are developed from full-time equivalent enrolment.

(2) Standardized cataloguing as to what constitutes health science programmes has not been made, and different colleges may use different definitions. Expenditures are based on cost per full-time equivalent for all courses; in this respect health science, as given above, will be slightly higher than other programs, and will be slightly lower than other programs.



Table 2.6 Health Expenditures of the Workmen's Compensation Board (WCB) in Ontario

| WORKMEN'S COMPENSATION (1)<br>BOARD                              | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Hospital and<br>Rehabilitation Centre (2)                        | 4,296                                   | 4,507   | 4,744   | 5,196   | 5,945   | 6,801   | 7,876   | 8,885             | 15.8                     | 12.8                     |
| Payments to Other<br>Hospitals                                   | 16,535                                  | 17,183  | 17,619  | 18,739  | 20,222  | 25,970  | 26,996  | 29,009            | 4.0                      | 7.5                      |
| Nursing Homes  | 53                                      | 63      | 77      | 95      | 112     | 131     | 156     | 169               | 19.1                     | 8.3                      |
| Chest Examining Stations   | 205                                     | 172     | 129     | 175     | 186     | 331     | 352     | 376               | 6.3                      | 6.8                      |
| Physicians   | 9,151                                   | 9,138   | 9,148   | 9,464   | 9,983   | 10,555  | 11,860  | 12,218            | 12.4                     | 3.0                      |
| Dentists   | 249                                     | 290     | 312     | 361     | 404     | 445     | 496     | 565               | 11.5                     | 13.9                     |
| Visiting Nurses  | 37                                      | 45      | 52      | 61      | 69      | 77      | 88      | 85                | 14.3                     | 130                      |
| Optometrists   | 26                                      | 26      | 25      | 17      | 18      | 20      | 29      | 51                | 45.0                     | 75.9                     |
| Chiropactors   | 365                                     | 290     | 293     | 293     | 323     | 377     | 489     | 563               | 29.7                     | 15.1                     |
| Physiotherapy  | 847                                     | 873     | 877     | 916     | 1,083   | 1,398   | 1,752   | 1,798             | 25.3                     | 112                      |
| Drugs  | 832                                     | 877     | 949     | 972     | 1,038   | 1,148   | 1,248   | 1,449             | 8.7                      | 74                       |
| Prosthetics (3)  | 488                                     | 505     | 603     | 693     | 796     | 1,006   | 1,253   | 1,399             | 24.6                     | 11.7                     |
| Hearing Aids   | 25                                      | 25      | 30      | 35      | 40      | 84      | 205     | 245               | 144.0                    | 19.5                     |
| Eyeglasses and<br>Contact Lenses (4)                             | 79                                      | 78      | 87      | 98      | 110     | 117     | 134     | 151               | 14.5                     | 12.7                     |
| Administration<br>Research                                       | 1,750                                   | 1,850   | 2,060   | 2,486   | 3,490   | 4,638   | 5,603   | 7,110             | 20.8                     | 306                      |
| Other (5)  | 50                                      | 47      | 41      | 56      | 59      | 71      | 100     | 92                | 40.8                     | 84                       |
| TOTAL HEALTH SPENDING  | 34,988                                  | 35,969  | 37,046  | 39,657  | 43,878  | 53,208  | 58,718  | 64,264            | 10.4                     | 84                       |
| Total Income Received (6)<br>From Employer Assessments           | 147,570                                 | 159,085 | 192,044 | 236,220 | 298,657 | 384,896 | 498,912 | 556,712           | 29.6                     | 277                      |
| Percentage of Health<br>Spending to Total<br>Income Received (7) | 23.71                                   | 22.61   | 19.29   | 16.79   | 14.69   | 13.82   | 11.77   | 11.54             | - 14.8                   | - 51                     |

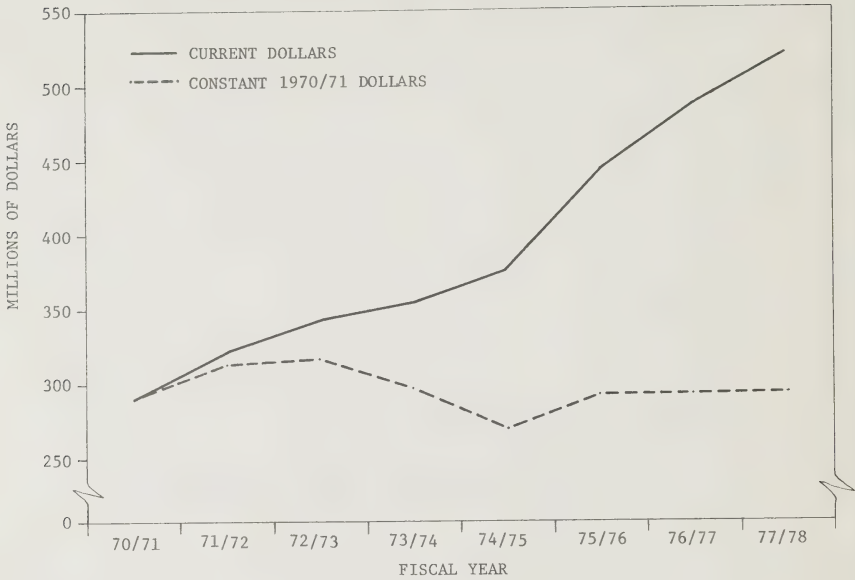
- (1) Totally funded by employers. Receives revenue from governments in their role as employers.  
 (2) Hospital run by the WCB.  
 (3) Data estimated before 1975/76. In this year, legislation expanded hearing aid service with respect to industrial deafness.  
 (4) The total for optometrists including eyeglasses has been separated by taking 75% of the total to reflect expenditures on eyeglasses.  
 (5) "Other" includes expenditures for laboratories, para medical, ambulance, masseurs, osteopaths, and chiropodists.  
 (6) Includes income received from employers, and excludes investment income.  
 (7) This ratio is used elsewhere to allocate total expenditures on WCB by other organizations into the portion that reflects direct health spending by the WCB. Note that the decline in this ratio over time is a result of much higher pension payments, not a decline in health related spending.



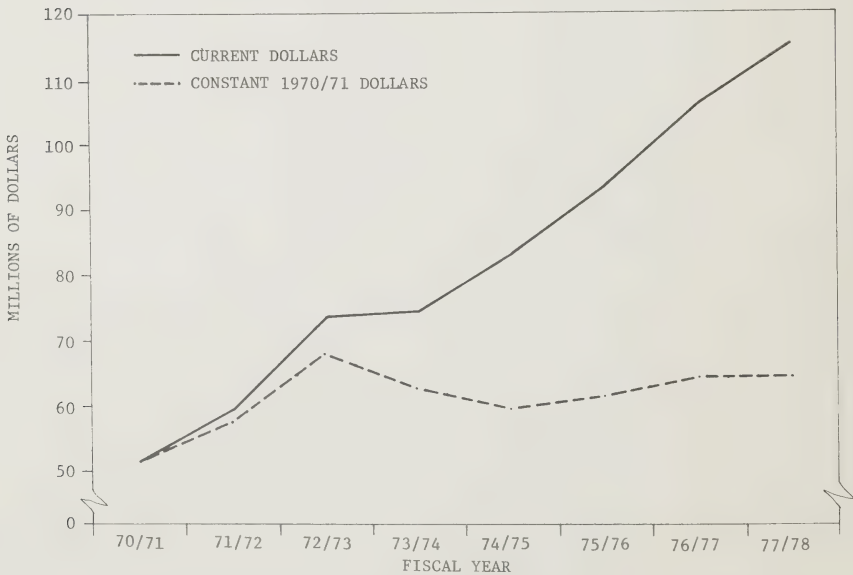
## SECTION 3 - LOCAL GOVERNMENTS

### HEALTH EXPENDITURES IN ONTARIO

GRAPH 3.A - Total Local Governments  
Health Expenditures in Ontario



GRAPH 3.B - Total Local Governments Health Expenditures  
Less Revenues Received from the Ontario Government



## SECTION 3

## Ontario Local Governments Health Expenditures - Summary - Current and Constant 1970/71 Dollars

| LOCAL GOVERNMENTS<br>HEALTH EXPENDITURES                     | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|
|  |   |         |         |         |         |         |         |         |                          |                          |                          |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| CURRENT DOLLARS  |   |         |         |         |         |         |         |         |                          |                          |                          |
| Local Health Agencies  | 32,723                                  | 37,134  | 41,358  | 46,844  | 56,121  | 65,890  | 72,687  | 78,830  | 10.3                     | 8.5                      | 141                      |
| Municipal Hospitals  | 175,000                                 | 185,829 | 201,318 | 197,622 | 199,893 | 238,603 | 251,794 | 270,136 | 5.5                      | 7.3                      | 54                       |
| Municipal Homes<br>For The Aged                              | 49,100                                  | 56,001  | 54,368  | 61,792  | 70,840  | 89,081  | 100,733 | 106,421 | 13.1                     | 5.6                      | 117                      |
| Other  | 33,959                                  | 42,594  | 45,831  | 46,159  | 47,209  | 51,038  | 59,938  | 64,588  | 17.4                     | 7.8                      | 90                       |
| Total Gross<br>Expenditures                                  | 290,782                                 | 321,558 | 342,875 | 352,417 | 374,063 | 444,612 | 485,152 | 519,975 | 9.1                      | 7.2                      | 79                       |
| Total Net Expenditures <sup>(1)</sup><br>Excluding Transfers | 51,367                                  | 59,544  | 73,666  | 74,610  | 83,075  | 93,657  | 106,816 | 115,239 | 14.1                     | 7.9                      | 124                      |
| CONSTANT 1970/71<br>DOLLARS                                  |   |         |         |         |         |         |         |         |                          |                          |                          |
| Local Health Agencies  | 32,723                                  | 36,158  | 38,223  | 39,431  | 40,433  | 43,263  | 43,787  | 44,287  | 1.2                      | 1.1                      | 35                       |
| Municipal Hospitals  | 175,000                                 | 180,943 | 186,061 | 166,349 | 144,015 | 136,666 | 151,683 | 151,762 | -3.2                     | 0.1                      | -13                      |
| Municipal Homes<br>For The Aged                              | 49,100                                  | 54,529  | 50,248  | 52,013  | 51,038  | 58,491  | 60,683  | 59,787  | 3.7                      | -1.5                     | 22                       |
| Other  | 33,959                                  | 41,474  | 42,358  | 38,854  | 34,012  | 33,512  | 36,107  | 36,285  | 7.7                      | 0.5                      | 7                        |
| Total Gross<br>Expenditures                                  | 290,782                                 | 313,104 | 316,890 | 296,647 | 269,498 | 291,932 | 292,260 | 292,121 | 0.1                      | 0.0                      | 0                        |
| Total Net Expenditures <sup>(1)</sup><br>Excluding Transfers | 51,367                                  | 57,979  | 68,083  | 62,803  | 59,852  | 61,495  | 64,347  | 64,741  | 4.6                      | 0.6                      | 26                       |

(1) Net spending from revenues obtained through municipal taxation, fees, and service charges; and excluding transfer payments from the Ontario Ministries of Health and Community and Social Services.

Table 3.1 Gross and Net Health Expenditures of Local Governments in Ontario

| LOCAL GOVERNMENTS  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|  |   |         |         |         |         |         |         |                   |                          |                          |
| Official Local Health Agencies <sup>(1)</sup>                  |   |         |         |         |         |         |         |                   |                          |                          |
| Medical  | 1,404                                   | 1,593   | 1,774   | 1,960   | 2,188   | 2,484   | 2,684   | 3,116             | 8.1                      | 16.1                     |
| Dental   | 1,267                                   | 1,601   | 1,601   | 1,879   | 2,463   | 3,238   | 3,238   | 3,836             | 10.0                     | 18.5                     |
| Nursing  | 12,262                                  | 13,892  | 15,472  | 17,871  | 22,414  | 26,088  | 28,554  | 31,144            | 9.5                      | 9.1                      |
| Public Health Inspectors                                       | 4,300                                   | 4,879   | 5,434   | 6,061   | 6,891   | 7,824   | 8,648   | 9,461             | 10.5                     | 9.4                      |
| Administration   | 2,324                                   | 2,656   | 2,937   | 3,326   | 3,984   | 4,678   | 5,155   | 5,649             | 10.2                     | 9.6                      |
| Other Expenses   | 11,186                                  | 12,697  | 14,140  | 15,747  | 18,181  | 21,872  | 24,408  | 25,624            | 11.6                     | 5.0                      |
| Total Local Health Agencies                                    | 32,723                                  | 37,134  | 41,358  | 46,844  | 56,121  | 65,890  | 72,687  | 78,830            | 10.3                     | 8.5                      |
| Net Total (i.e., Less Transfers) (2)                           | 13,417                                  | 15,102  | 18,655  | 23,885  | 26,254  | 28,942  | 29,462  | 31,474            | 1.8                      | 6.8                      |
| General Welfare Assistance (3)<br>Act (G.W.A.) for:            |   |         |         |         |         |         |         |                   |                          |                          |
| Nursing Homes  | 14,798                                  | 18,032  | 13,225  | 9,197   | 6,603   | 1,479   | 964     | 853               | -34.8                    | -11.5                    |
| Dentists   | 641                                     | 1,022   | 1,209   | 9,078   | 1,355   | 1,931   | 1,639   | 2,186             | 33.4                     | 24.1                     |
| Drugs  | 4,062                                   | 5,238   | 5,719   | 7,117   | 6,703   | 7,398   | 4,760   | 3,776             | -35.7                    | -20.7                    |
| Health Supplies  | 0                                       | 0       | 9       | 31      | 23      | 28      | 31      | 37                | 10.7                     | 19.4                     |
| Eyeglasses & Optical   | 374                                     | 639     | 744     | 900     | 659     | 760     | 683     | 606               | -20.3                    | 12.7                     |
| Prosthetic Appliances  | 94                                      | 160     | 186     | 225     | 165     | 190     | 152     | 171               | -20.0                    | 12.5                     |
| Administration   | 999                                     | 1,255   | 1,055   | 928     | 655     | 444     | 266     | 208               | -35.7                    | -21.8                    |
| Total G.W.A.   | 20,968                                  | 26,346  | 22,147  | 19,496  | 16,160  | 12,200  | 8,418   | 7,914             | -31.0                    | -6.0                     |
| Net Total (i.e., Less Transfers) (2)                           | 3,654                                   | 4,822   | 4,526   | 4,420   | 2,955   | 2,497   | 1,761   | 1,655             | -29.5                    | -6.0                     |
| Municipal Expenditures on: (4)                                 |   |         |         |         |         |         |         |                   |                          |                          |
| Children's Aid Societies                                       | 197                                     | 289     | 326     | 366     | 383     | 289     | 231     | 294               | -20.1                    | -27.3                    |
| Nurses Services Under the Home-makers and Nurses Services Act  | -151                                    | 225     | 212     | 234     | 320     | 380     | 300     | 336               | -21.1                    | 12.0                     |
| Net Total (2)  | 348                                     | 514     | 538     | 600     | 703     | 669     | 531     | 630               | -20.6                    | 18.6                     |
| Municipal Expenditures on: (5)                                 |   |         |         |         |         |         |         |                   |                          |                          |
| Employee Benefits for:   |   |         |         |         |         |         |         |                   |                          |                          |
| OHIP   | 7,396                                   | 9,363   | 15,746  | 17,783  | 20,585  | 22,933  | 31,357  | 33,636            | 36.7                     | 7.3                      |
| Supplementary Health Workers' Compensation Board (Health Only) | 2,512                                   | 2,942   | 3,323   | 3,487   | 3,884   | 4,311   | 5,161   | 5,749             | 19.7                     | 11.4                     |
| Net Total (2)  | 477                                     | 607     | 577     | 542     | 593     | 744     | 785     | 885               | 5.5                      | 12.7                     |

Table 3.1 - Continued - Gross and Net Health Expenditures of Local Governments in Ontario

| LOCAL GOVERNMENTS  | EXPENDITURES            |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|-------------------------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | 1976/77<br>to<br>1977/78 | 1976/77<br>to<br>1977/78 |
|  | 1970/71                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 |                          |                          |
| Municipal Ambulance<br>Services (6)                          |                         |         |         |         |         |         |         |                          |                          |
| Capital  | 158                     | 197     | 244     | 297     | 369     | 710     | 955     | 1,141                    | 1,141                    |
| Operating  | 2,100                   | 2,625   | 3,256   | 3,954   | 4,915   | 9,471   | 12,731  | 14,633                   | 14,633                   |
| Total Ambulance  | 2,258                   | 2,822   | 3,500   | 4,251   | 5,284   | 10,181  | 13,686  | 15,774                   | 15,774                   |
| Net Total (i.e.,<br>Less Transfers) (2)                      | 578                     | 722     | 895     | 1,088   | 1,352   | 2,604   | 4,255   | 5,322                    | 5,322                    |
| Municipal Hospitals  |                         |         |         |         |         |         |         |                          |                          |
| Capital  | 16,100                  | 22,000  | 15,500  | 10,100  | 11,900  | 14,100  | 16,300  | 19,275                   | 19,275                   |
| Operating  | 158,900                 | 165,829 | 185,318 | 187,522 | 187,993 | 224,503 | 235,494 | 250,861                  | 250,861                  |
| Total Municipal<br>Hospitals                                 | 175,000                 | 185,829 | 201,318 | 197,622 | 199,893 | 238,603 | 251,794 | 270,136                  | 270,136                  |
| Net Total (i.e.,<br>Less Transfers) (2)                      | 14,515                  | 15,797  | 19,177  | 16,815  | 19,661  | 21,136  | 22,209  | 25,816                   | 25,816                   |
| Municipal Homes<br>for the Aged                              |                         |         |         |         |         |         |         |                          |                          |
| Capital  | 6,386                   | 7,336   | 5,242   | 4,358   | 2,594   | 4,954   | 6,578   | 1,218                    | 1,218                    |
| Operating  | 42,714                  | 48,665  | 49,126  | 57,434  | 68,246  | 84,127  | 94,155  | 105,203                  | 105,203                  |
| Total Municipal<br>Homes for the Aged                        | 49,100                  | 56,001  | 54,368  | 61,792  | 70,840  | 89,081  | 100,733 | 106,421                  | 106,421                  |
| Net Total (i.e.,<br>Less Transfers) (2)                      | 8,470                   | 9,675   | 10,229  | 5,990   | 7,088   | 9,821   | 11,295  | 10,072                   | 10,072                   |
| TOTAL GROSS HEALTH<br>EXPENDITURES BY<br>LOCAL GOVERNMENTS   | 290,782                 | 321,558 | 342,875 | 352,417 | 374,063 | 444,612 | 485,152 | 519,975                  | 519,975                  |
| TOTAL NET HEALTH<br>EXPENDITURES BY<br>LOCAL GOVERNMENTS (2) | 51,367                  | 59,544  | 73,666  | 74,610  | 83,075  | 93,657  | 106,816 | 115,239                  | 115,239                  |

- (1) Under Medical, about 80% is for physicians' services; and under Dental, 50% for dentists. Other Expenses includes office costs and materials, transportation, fringe benefits, etc.
- (2) Net spending from revenues obtained through municipal taxation, fees, and service charges, and excluding Ontario Government transfer payments.
- (3) Administered by local governments but funded mainly by the Ministry of Community and Social Services. Nursing home expenditures have shifted to Extended Care and drugs to the Ontario Drug Benefit Plan. About 80% of Eyeglasses & Optical is for eyeglasses.
- (4) Add the expenditures for these two items to the totals shown for these items in Table 2.4 to obtain a gross cost, if such is desired. Gross costs are not presented here since these two items are more closely associated with the Ministry of Community and Social Services.
- (5) Estimates based on numbers of employees, and analogous data for Ontario Government employees, and Federal Government employees.
- (6) Expenditures are mainly in Metro Toronto. Data prior to 1976/77 is based on Ontario Government transfers to the Metro Toronto Ambulance Service, scaled up to the provincial level using the factor 1.25, based on 1977 and 1978 information.

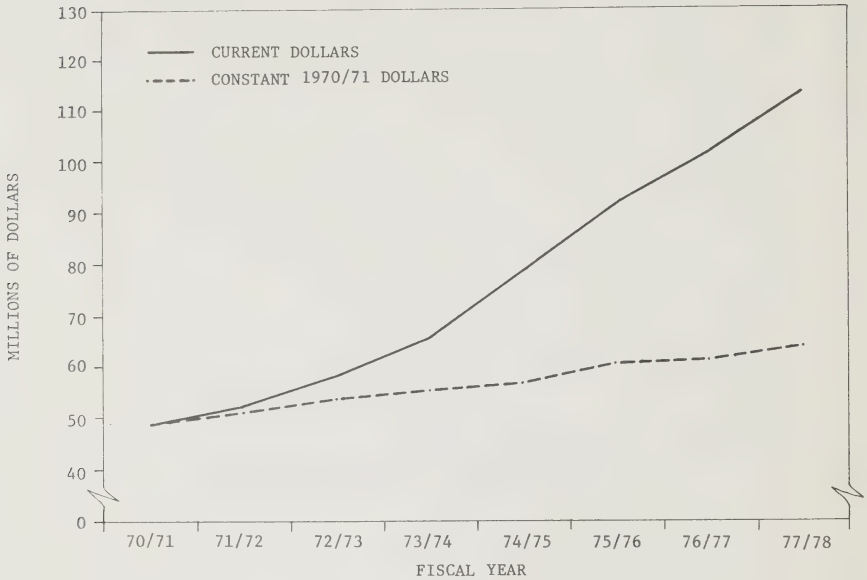




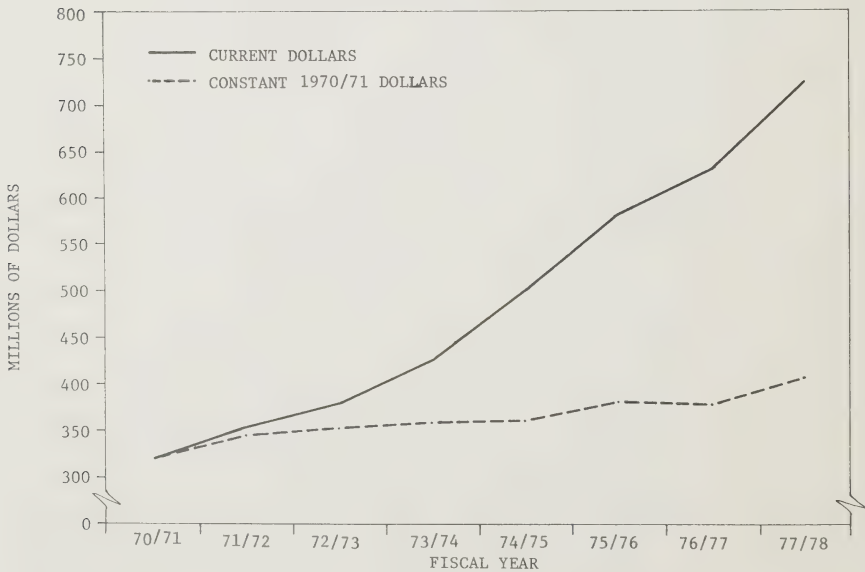
## SECTION 4 - NON-GOVERNMENT

### HEALTH EXPENDITURES IN ONTARIO

GRAPH 4.A - Expenditures of Selected Voluntary Associations,  
Foundations, and Others in Ontario



GRAPH 4.B - Direct Health Expenditures of  
Private Business in Ontario



## SECTION 4

Non-Government Health Expenditures in Ontario - Summary - Current and Constant 1970/71 Dollars

| HEALTH EXPENDITURES (1)<br>BY                               | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |                          | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|   |   |         |         |         |         |         |         |         |                          |                          |                          |
| CURRENT DOLLARS   |   |         |         |         |         |         |         |         |                          |                          |                          |
| Non-Government Health Insurance Companies - Claims Paid Out | 65,323                                  | 67,453  | 74,536  | 89,528  | 118,387 | 163,049 | 213,710 | 265,749 | 31.1                     | 24.4                     | 307                      |
| Selected Associations, Foundations, and Others              | 49,021                                  | 52,404  | 58,224  | 65,624  | 78,724  | 91,761  | 101,363 | 113,112 | 10.5                     | 11.6                     | 131                      |
| Private Business - for Employees, and Other                 | 321,206                                 | 353,971 | 379,264 | 424,398 | 498,487 | 580,416 | 626,032 | 721,729 | 7.9                      | 15.3                     | 125                      |
| CONSTANT 1970/71 DOLLARS                                    |   |         |         |         |         |         |         |         |                          |                          |                          |
| Non-Government Health Insurance Companies - Claims Paid Out | 65,323                                  | 65,680  | 68,887  | 75,360  | 85,293  | 107,058 | 128,741 | 149,297 | 20.3                     | 16.0                     | 129                      |
| Selected Associations, Foundations, and Others              | 49,021                                  | 51,026  | 53,811  | 55,239  | 56,718  | 60,250  | 61,062  | 63,546  | 1.3                      | 4.1                      | 30                       |
| Private Business - for Employees, and Other                 | 321,206                                 | 344,665 | 350,521 | 357,237 | 359,140 | 381,100 | 377,128 | 405,466 | -1.0                     | 7.5                      | 26                       |

(1) Details on succeeding pages.



Table 4.1 - Continued - Revenues and Expenditures of Non-Government Health Insurance By Organization in Ontario

| NON-GOVERNMENT HEALTH (1)<br>INSURANCE ORGANIZATIONS | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77<br>to<br>1976/77 | 1970/71<br>to<br>1977/78 |
| PROFIT BASED (3)<br>(CAASI)                          |   |         |         |         |         |         |                          |                          |
| Premiums Earned                                      | 33,290                                  | 35,397  | 42,465  | 52,287  | 66,957  | 91,635  | 28.9                     | 356                      |
| Claims Incurred                                      | 23,414                                  | 22,743  | 27,896  | 35,301  | 47,253  | 67,755  | 48.3                     | 461                      |
| Net Difference (4)                                   | 9,876                                   | 12,654  | 14,569  | 16,986  | 19,704  | 23,880  | - 26.4                   | 106                      |
| TOTAL-NON-PROFIT AND<br>PROFIT COMBINED              |   |         |         |         |         |         |                          |                          |
| PREMIUMS EARNED                                      | 76,849                                  | 85,998  | 98,477  | 116,793 | 146,993 | 192,563 | 24.4                     | 286                      |
| CLAIMS INCURRED                                      | 65,323                                  | 67,453  | 74,536  | 89,528  | 118,387 | 163,049 | 31.1                     | 307                      |
| ADMINISTRATION INCL. (5)<br>CAASI NET DIFFERENCE     | 14,351                                  | 17,605  | 20,753  | 24,721  | 29,404  | 35,462  | - 14.0                   | 144                      |

- (1) Provides coverage under group and individual plans to cover health services not provided for under OHIP. Includes drugs, dental, supplementary hospital, private duty nursing, ambulance, prosthetics, etc.
- (2) The category "Other" includes St. Catharines and District, Sault Ste. Marie and District, and the Co-operatives for Carleton, Durham, Lanark, and Perth for 1970/71. Also Associated Medical Services and Grey for 1970/71, 1971/72, and partial 1972/73. In 1972/73, the Delta Dental Plan commenced, and this comprised the total of this category until 1975/76, at which time Delta merged with the Co-operative Health Services of Ontario.
- (3) Represents the total for private insurance companies belonging to the Canadian Association of Accident and Sickness Insurers (CAASI).
- (4) Data refers to health insurance plans in Ontario, similar to these plans offered by the non-profit organizations.
- (5) Net difference between premiums earned and claims incurred consists of administration, profit component, and changes in reserve which can not be separately distinguished. The difference between premiums received and claims incurred is used as a proxy to represent the health costs by employers and individuals paying premiums that are not covered elsewhere in this report.
- (6) Similar to footnote 4, but also including administrative component of the non-profit health insurance companies.

Table 4.2 Claims Paid Out by Non-Government Health Insurance Companies by Type of Plan in Ontario

| CLAIMS PAID OUT BY<br>HEALTH INSURANCE COMPANIES | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |         |
|--|---|---------|---------|---------|---------|---------|---------|-------------------|---------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1978/79 |
|  |   |         |         |         |         |         |         |                   |         |
| BY PLAN  |   |         |         |         |         |         |         |                   |         |
| Extended Health Care (1)                         |   |         |         |         |         |         |         |                   |         |
| Non-Profit Companies                             | 10,089                                  | 10,296  | 11,218  | 13,279  | 18,309  | 21,029  | 22,813  | 29,501            | 8.5     |
| CAASI Companies                                  | 20,067                                  | 18,079  | 21,147  | 24,870  | 35,531  | 41,758  | 54,863  | 65,371            | 31.4    |
| Total  | 30,156                                  | 28,375  | 32,365  | 38,149  | 50,840  | 62,787  | 77,676  | 94,872            | 23.7    |
| Prescribed Drugs                                 |   |         |         |         |         |         |         |                   |         |
| Non-Profit Companies                             | 12,816                                  | 14,466  | 15,685  | 17,128  | 19,523  | 22,657  | 24,833  | 26,667            | 9.6     |
| CAASI Companies                                  | 177                                     | 792     | 1,094   | 1,284   | 1,345   | 1,462   | 1,940   | 1,963             | 32.7    |
| Total  | 12,993                                  | 15,258  | 16,779  | 18,412  | 20,868  | 24,119  | 26,773  | 28,630            | 11.0    |
| Supplementary Hospital                           |   |         |         |         |         |         |         |                   |         |
| Non-Profit Companies                             | 18,538                                  | 18,340  | 17,004  | 17,686  | 19,608  | 23,475  | 28,757  | 29,903            | 22.5    |
| CAASI Companies                                  | 2,359                                   | 1,936   | 1,624   | 1,709   | 2,032   | 2,572   | 3,280   | 3,828             | 27.5    |
| Total  | 20,897                                  | 20,276  | 18,628  | 19,395  | 21,640  | 26,047  | 32,037  | 33,731            | 23.0    |
| Dental   |   |         |         |         |         |         |         |                   |         |
| Non-Profit Companies                             | 466                                     | 1,608   | 2,732   | 6,133   | 13,431  | 27,024  | 34,011  | 44,195            | 25.9    |
| CAASI Companies                                  | 811                                     | 1,936   | 4,031   | 7,438   | 11,345  | 21,963  | 40,410  | 60,191            | 84.0    |
| Total  | 1,277                                   | 3,544   | 6,763   | 13,571  | 24,776  | 48,987  | 74,421  | 104,386           | 51.9    |
| Other (2)  |   |         |         |         |         |         |         |                   |         |
| Non-Profit Companies                             | ..                                      | ..      | 1       | 1       | 263     | 1,109   | 2,803   | 4,130             | 152.8   |
| CAASI Companies                                  | ..                                      | ..      | ..      | ..      | ..      | ..      | ..      | ..                | ..      |
| Total  | ..                                      | ..      | 1       | 1       | 263     | 1,109   | 2,803   | 4,130             | 152.8   |
| TOTAL - ALL PLANS                                | 65,323                                  | 67,453  | 74,536  | 89,528  | 118,387 | 163,049 | 213,710 | 265,749           | 31.1    |
|  |   |         |         |         |         |         |         |                   | 47.3    |
|  |   |         |         |         |         |         |         |                   | ..      |
|  |   |         |         |         |         |         |         |                   | 47.3    |
|  |   |         |         |         |         |         |         |                   | ..      |
|  |   |         |         |         |         |         |         |                   | 307     |

(1) Sometimes referred to as major medical plan. This plan normally covers drugs, hospitalization, private duty nurses, services of non-medical practitioners, ambulance, prosthetics, etc.

(2) "Other" includes coverage for separate plans such as vision care, nursing home coverage, prosthetics, visitors health plan, and health plan while outside Canada. There is no information on Canadian Association of Accident and Sickness Insurers with respect to such plans.

Table 4.3 Claims Paid Out, Number of Subscribers and Persons Covered by Health Item for Non-Government Health Insurance Companies in Ontario

| NON-GOVERNMENT<br>HEALTH INSURANCE COMPANIES | MARCH 31st FISCAL YEAR END |           |           |           |           |           |           |           |                          |                          | PERCENTAGE CHANGE        |  |
|--|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|--------------------------|--|
|  | 1970/71                    | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |  |
|  |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| BY HEALTH ITEM (1)                           |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Supplementary Hospital                       |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Claims Paid Out (\$000)                      | 27,320                     | 26,112    | 25,421    | 27,387    | 32,131    | 39,415    | 49,409    | 54,522    | 25.4                     | 10.3                     | 100                      |  |
| No. of Subscribers                           | 2,090,568                  | 2,207,414 | 2,318,205 | 2,430,857 | 2,592,191 | 2,640,237 | 2,735,979 | 2,851,356 | 3.6                      | 4.2                      | 36                       |  |
| No. of Ontario                               |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Residents Covered                            | 5,865,781                  | 6,179,935 | 6,356,104 | 6,513,163 | 7,137,789 | 7,247,234 | 7,485,668 | 7,762,322 | 3.3                      | 3.7                      | 32                       |  |
| Percentage of Ontario                        |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Population Covered For                       | 76.4                       | 79.4      | 80.6      | 81.1      | 87.6      | 87.8      | 89.8      | 92.1      | 2.3                      | 2.6                      | 21                       |  |
| Supplementary Hospital                       |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Prescribed Drugs                             |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Claims Paid Out (\$000)                      | 33,609                     | 34,857    | 39,003    | 44,621    | 55,950    | 67,049    | 79,082    | 92,929    | 17.9                     | 17.5                     | 177                      |  |
| No. of Subscribers                           | 1,398,755                  | 1,500,649 | 1,629,198 | 1,707,285 | 1,877,189 | 1,956,079 | 2,091,015 | 2,221,973 | 6.9                      | 6.3                      | 59                       |  |
| No. of Ontario                               |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Residents Covered                            | 4,004,551                  | 4,280,291 | 4,516,530 | 4,658,927 | 5,266,895 | 5,484,636 | 5,808,055 | 6,103,515 | 5.9                      | 5.1                      | 52                       |  |
| Percentage of Ontario (2)                    |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Population Covered For                       |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Prescribed Drugs                             | 52.1                       | 55.0      | 57.2      | 58.0      | 64.6      | 66.5      | 69.7      | 72.4      | 4.8                      | 3.9                      | 39                       |  |
| Dental Services                              |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Claims Paid Out (\$000)                      | 1,277                      | 3,544     | 6,763     | 13,571    | 24,776    | 48,987    | 74,421    | 104,386   | 51.9                     | 40.3                     | ...                      |  |
| No. of Subscribers                           | 20,466                     | 38,952    | 93,253    | 185,784   | 374,449   | 548,239   | 729,882   | 995,276   | 33.1                     | 27.3                     | ...                      |  |
| No. of Ontario                               |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Residents Covered                            | 61,407                     | 110,668   | 255,496   | 544,699   | 1,112,113 | 1,639,866 | 2,156,218 | 2,705,739 | 31.5                     | 25.5                     | ...                      |  |
| Percentage of Ontario (2)                    |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Population Covered For                       | 0.8                        | 1.4       | 3.2       | 6.8       | 13.6      | 19.9      | 25.9      | 32.1      | 30.2                     | 23.9                     | ...                      |  |
| Dental Services                              |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Other Services                               |                            |           |           |           |           |           |           |           |                          |                          |                          |  |
| Claims Paid Out (\$000)                      | 3,117                      | 2,940     | 3,349     | 3,949     | 5,530     | 7,598     | 10,798    | 13,912    | 42.1                     | 28.8                     | 346                      |  |

(1) There is estimation involved for claims paid out by health item in that the extended care plan is separated into three components: drugs, hospitalization, and other. For non-profit the ratio used to make this separation is 85%, 4%, and 11% respectively; for profit based the separation is 60%, 30%, and 10% respectively.

(2) Note that coverage does not necessarily imply that all costs for individuals are covered. That is, the total paid out in claims is the portion paid by the insurance companies. The number of persons covered is estimated separately by each company and the total aggregated. The data showing percentage of Ontario population covered may be high, due in large part to the situation where two or more persons living in the same family unit are independently covered. The insurance companies on an individual basis do not adjust for this situation; thus in aggregating totals of persons covered across all companies, overlap is highly probable.

Table 4.4 Expenditures of Selected Voluntary Health Associations, Foundations, and Others in Ontario

| ORGANIZATION   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| Canadian Mental Health Assoc't. - Ontario Division           | 576                                     | 698     | 815     | 1,062   | 942     | 882     | 1,091   | 1,275             | 23.7                     | 16.9                     |
| Ontario Association for the Mentally Retarded                | 524                                     | 690     | 704     | 640     | 699     | 870     | 1,026   | 1,109             | 17.9                     | 8.1                      |
| Ontario Mental Health Foundation                             | 1,327                                   | 1,050   | 1,178   | 1,255   | 1,397   | 1,352   | 1,640   | 1,661             | 21.3                     | 1.3                      |
| Integra Foundation   | ..                                      | 57      | 174     | 221     | 299     | 347     | 374     | 413               | 7.8                      | 10.4                     |
| Alcoholism and Drug Addiction Foundation                     | 9,236                                   | 8,288   | 8,329   | 9,916   | 11,776  | 11,279  | 10,198  | 11,167            | -9.6                     | 9.5                      |
| Total Mental Health (1)                                      | 11,663                                  | 10,783  | 11,200  | 13,094  | 15,113  | 14,730  | 14,329  | 15,625            | -2.7                     | 9.0                      |
| Related Organizations  | 1,499                                   | 1,019   | 735     | 2,297   | 3,528   | 1,390   | 949     | 1,622             | -31.7                    | 70.9                     |
| Net Total - i.e. Less Government Funding                     | 4,258                                   | 5,073   | 5,929   | 6,582   | 8,115   | 9,829   | 10,552  | 11,459            | 7.4                      | 8.6                      |
| Canadian Cancer Society - Ontario Division                   | 5,900                                   | 6,716   | 7,467   | 8,194   | 9,945   | 11,784  | 13,199  | 14,820            | 12.0                     | 12.3                     |
| Ontario Cancer Treatment and Research Foundation             | 1,517                                   | 1,738   | 2,351   | 2,664   | 3,220   | 4,410   | 5,377   | 6,449             | 21.9                     | 19.9                     |
| Ontario Heart Foundation (2)                                 | 1,247                                   | 1,309   | 1,394   | 1,533   | 1,659   | 1,773   | 1,600   | 1,983             | -9.8                     | 23.9                     |
| Ontario Lung Association                                     | ..                                      | 16      | 33      | 91      | 123     | 144     | 156     | 198               | 8.3                      | 26.9                     |
| Kidney Foundation of Canada - Ontario Division               | 12,922                                  | 14,852  | 17,174  | 19,064  | 23,062  | 27,940  | 30,884  | 34,909            | 10.5                     | 13.0                     |
| Total Disease Related Organizations                          | 7,372                                   | 8,502   | 10,198  | 11,538  | 14,172  | 17,294  | 18,910  | 21,126            | 9.3                      | 11.7                     |
| Net Total - i.e. Less Government Funding                     | 1,118                                   | 1,254   | 1,424   | 1,603   | 1,808   | 2,170   | 2,313   | 2,651             | 6.6                      | 14.6                     |
| Canadian Arthritis and Rheumatism Society - Ontario Division | 2,139                                   | 2,285   | 2,407   | 2,451   | 2,738   | 3,126   | 3,370   | 3,879             | 7.8                      | 15.1                     |
| Canadian National Institute for the Blind - Ont. Division    | 178                                     | 229     | 279     | 366     | 517     | 686     | 1,034   | 1,480             | 50.7                     | 43.1                     |
| Canadian Hearing Society (3)                                 | 131                                     | 125     | 139     | 151     | 195     | 248     | 296     | 362               | 19.4                     | 22.3                     |
| Canadian Cystic Fibrosis Foundation (4)                      | 76                                      | 90      | 94      | 111     | 138     | 156     | 177     | 241               | 13.5                     | 36.2                     |
| Canadian Paraplegic Assoc't. - Ontario Division              | 307                                     | 271     | 300     | 368     | 550     | 515     | 954     | 977               | 85.2                     | 2.4                      |
| Muscular Dystrophy Association of Canada (4)                 | 115                                     | 183     | 222     | 192     | 327     | 474     | 639     | 1,103             | 34.8                     | 72.6                     |
| Multiple Sclerosis Society of Canada - Ontario Division      | 2,455                                   | 2,873   | 3,433   | 3,008   | 3,566   | 3,990   | 4,264   | 4,580             | 6.9                      | 7.4                      |
| Ontario Society for Crippled Children (5)                    | 831                                     | 751     | 912     | 912     | 1,070   | 1,258   | 1,372   | 1,543             | 9.1                      | 12.5                     |
| Toronto Rehab. Centre  | 1,787                                   | 2,080   | 2,372   | 2,760   | 3,150   | 3,462   | 3,911   | 4,022             | 13.0                     | 2.8                      |



Table 4.4 - Continued - Expenditures of Selected Voluntary Health Associations, Foundations, and Others in Ontario

| ORGANIZATION   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1978/79 | 1979/80 | 1976/77<br>to<br>1977/78 | 1977/78<br>to<br>1978/79 |
|  |   |         |         |         |         |         |         |         |         |         |                          |                          |
| Total Disability<br>Related Organizations<br>Net Total - i.e., Less<br>Government Funding      | 11,010                                  | 11,863  | 13,059  | 13,573  | 16,071  | 18,765  | 21,372  | 24,257  | 27,142  | 29,987  | 13.9                     | 13.5                     |
| Canadian Red Cross -<br>Ontario Division   | 6,471                                   | 7,212   | 7,819   | 8,768   | 10,661  | 12,942  | 14,274  | 15,498  | 16,712  | 17,876  | 10.3                     | 8.6                      |
| St. John Ambulance -<br>Ont. Council and Branches  | 779                                     | 866     | 993     | 1,123   | 1,247   | 1,480   | 1,648   | 1,835   | 2,028   | 2,221   | 11.4                     | 11.3                     |
| St. Elizabeth Visiting<br>Nurses Association   | 277                                     | 295     | 331     | 397     | 514     | 668     | 741     | 916     | 1,098   | 1,281   | 10.9                     | 23.6                     |
| Victorian Order of Nurses -<br>Ontario Division  | 4,446                                   | 4,829   | 5,360   | 6,044   | 7,773   | 9,628   | 10,560  | 11,705  | 12,849  | 13,994  | 9.7                      | 10.8                     |
| Total Health Services<br>Related Organizations<br>Net Total - i.e., Less<br>Government Funding | 11,973                                  | 13,202  | 14,503  | 16,332  | 20,195  | 24,718  | 27,223  | 29,954  | 32,861  | 35,778  | 10.1                     | 10.0                     |
| Physicians Services<br>Incorporated Foundation   | 333                                     | 461     | 875     | 937     | 902     | 1,136   | 1,228   | 1,334   | 1,446   | 1,558   | 8.1                      | 8.6                      |
| Hospital For Sick<br>Children Foundation   | ..                                      | ..      | ..      | 1,154   | 1,814   | 2,685   | 4,245   | 4,849   | 5,453   | 6,057   | 58.1                     | 14.2                     |
| Atkinson Charitable<br>Foundation  | 228                                     | 229     | 394     | 452     | 444     | 500     | 547     | 565     | 583     | 601     | 9.4                      | 3.3                      |
| J.P. Bickell Foundation  | 798                                     | 843     | 796     | 821     | 873     | 922     | 996     | 1,039   | 1,082   | 1,125   | 8.0                      | 4.3                      |
| W.K. Kellogg Foundation <sup>(8)</sup>   | 94                                      | 171     | 223     | 197     | 280     | 365     | 539     | 580     | 621     | 662     | 47.7                     | 7.6                      |
| Total Health Awards<br>Granting Organizations  | 1,453                                   | 1,704   | 2,288   | 3,561   | 4,283   | 5,608   | 7,555   | 8,367   | 9,179   | 9,991   | 34.7                     | 10.7                     |
| TOTAL ASSOCIATIONS,<br>FOUNDATIONS, AND OTHERS   | 49,021                                  | 52,404  | 58,224  | 65,624  | 78,724  | 91,761  | 101,363 | 113,112 | 124,861 | 136,610 | 10.5                     | 11.6                     |
| NET TOTAL - i.e., LESS<br>GOVERNMENT FUNDING <sup>(9)</sup>                                    | 26,227                                  | 27,883  | 31,377  | 36,305  | 43,355  | 47,585  | 53,155  | 60,043  | 67,013  | 73,983  | 11.7                     | 13.0                     |

(1) Integra Foundation serves learning disabled and autistic children. The Clinical Institute for the Alcoholism and Drug Addiction Foundation is excluded here. Its finances are incorporated in Table 5.3.

(2) Formerly called the Ontario Respiratory Disease Association.

(3) Appears to operate entirely within Ontario, and consequently all its expenditures are presented.

(4) Ontario portion of Canadian totals estimated by population share, namely 36%.

(5) Adjusted to remove drugs for cystic fibrosis in years prior to 1977 to maintain consistency with later years.

(6) Formerly called the Society for Crippled Civilians.

(7) Formerly called the Rehabilitation Foundation for the Disabled.

(8) In United States currency.

(9) Government funding in this context assumes not only grants but monies received for services rendered.



Table 4.5 - Continued - Direct Health Expenditures of Private Business in Ontario

| PRIVATE BUSINESS  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           |                            |                            | PERCENTAGE CHANGE          |                            |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|----------------------------|----------------------------|----------------------------|
|   | 1970/'71                                | 1971/'72  | 1972/'73  | 1973/'74  | 1974/'75  | 1975/'76  | 1976/'77  | 1977/'78  | 1975/'76<br>to<br>1976/'77 | 1976/'77<br>to<br>1977/'78 | 1975/'76<br>to<br>1976/'77 | 1976/'77<br>to<br>1977/'78 |
|   |   |           |           |           |           |           |           |           |                            |                            |                            |                            |
| Health Expenditures by<br>Private Employers for<br>Employees on-the-job | 1,173,200                               | 1,201,400 | 1,257,800 | 1,312,700 | 1,290,300 | 1,279,800 | 1,297,200 | 1,305,700 | 1.4                        | 0.7                        | 1.4                        | 11                         |
| A - Primary, Mfg., (5)<br>Transportation, etc.                          | 11.13                                   | 11.15     | 12.41     | 15.24     | 16.80     | 20.52     | 20.90     | 23.40     | 1.9                        | 12.0                       | 1.9                        | 110                        |
| Number of Employees   | 13,058                                  | 13,396    | 15,609    | 20,006    | 21,677    | 26,261    | 27,111    | 30,553    | 3.2                        | 12.7                       | 3.2                        | 134                        |
| Avg. Cost Per Employee (\$)   |   |           |           |           |           |           |           |           |                            |                            |                            |                            |
| Total Cost  |   |           |           |           |           |           |           |           |                            |                            |                            |                            |
| B - Trade, Finance, (6)<br>Insurance, Services, etc.                    | 838,400                                 | 892,100   | 975,500   | 1,057,000 | 1,093,700 | 1,133,500 | 1,154,400 | 1,247,400 | 1.8                        | 8.1                        | 1.8                        | 49                         |
| Number of Employees   | 3.71                                    | 3.72      | 4.14      | 5.08      | 5.60      | 6.84      | 6.97      | 7.79      | 1.9                        | 11.8                       | 1.9                        | 110                        |
| Avg. Cost Per Employee (\$)   |   |           |           |           |           |           |           |           |                            |                            |                            |                            |
| Total Cost  | 3,110                                   | 3,319     | 4,039     | 5,370     | 6,125     | 7,753     | 8,046     | 9,717     | 3.8                        | 20.8                       | 3.8                        | 212                        |
| Total Private Business on-<br>the-job Health Expenses (7)               | 16,168                                  | 16,715    | 19,648    | 25,376    | 27,802    | 34,014    | 35,157    | 40,270    | 3.4                        | 14.5                       | 3.4                        | 149                        |
| TOTAL PRIVATE BUSINESS<br>HEALTH EXPENDITURES                           | 321,206                                 | 353,971   | 379,264   | 424,398   | 498,487   | 580,416   | 626,032   | 721,729   | 7.9                        | 15.3                       | 7.9                        | 125                        |

(1) The Fiscal Policy Division of the Ministry of Treasury and Economics estimated from labour market surveys that 88% of OHP group premium revenue in 1975/76 was paid by employers. This ratio was applied to total OHP group revenue for the years 1975/76 to 1977/78 to yield estimates for the amount of OHP paid by all employers. To adjust for reduced fringe benefits in previous years, this ratio was adjusted downward from 1974/75 to 1970/71; namely 87%, 86%, 84%, 82%, and 80% respectively. Removing the amount of contributions by government employers leaves the amount of premium paid by private business. The employer contribution by local governments, and partially for the Federal government, has been estimated using number of employees, and Ontario Government as a guide.

(2) Estimation procedures, similar to that outlined above, are used to evaluate supplementary medical paid by private business.

(3) Funded by employers. Refers to spending on health items only. See Table 2.6.

(4) See Table 5.3. Totals are estimated.

(5) Part A includes employees in Forestry, Mining and Milling, Construction, Manufacturing, Transportation and Communication, and utilities. Cost per employer is 1.5 times that paid by the Federal Government on its own employees for in-plant health services. The assumption is higher risk of on-the-job injury, either directly or indirectly.

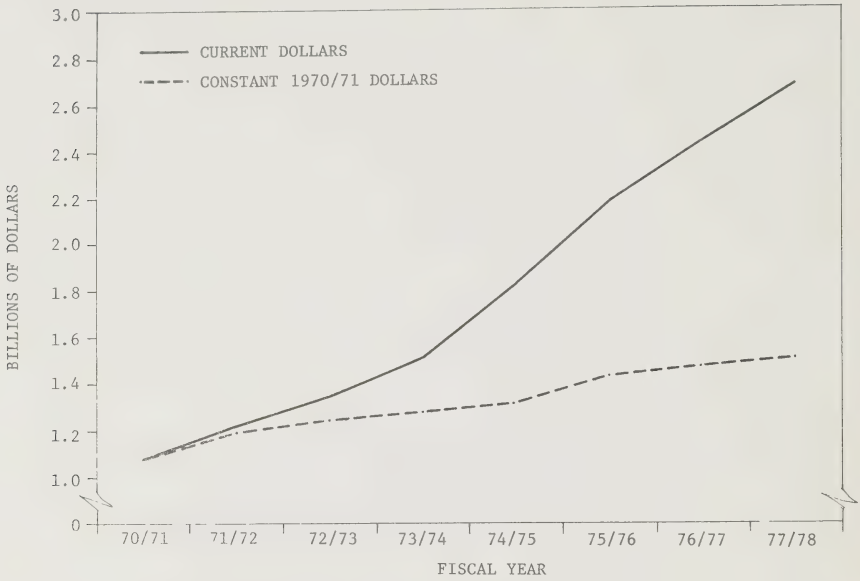
(6) Part B includes employees in Trade and Commerce, Finance, Insurance, Real Estate, and Commercial Services. Excluded are non-commercial services, such as education, hospitals, welfare and religious organizations, and private households. Cost per employee is 0.5 times that paid by the Federal Government on its own employees. The assumption is similar risk of on-the-job injury but much smaller employer groupings leading to less organization for health services.

(7) An alternate study by the Department of Health and Welfare (Federal) based on the earnings of health related occupations in industry yields slightly lower results for Ontario. This study is based on census data with average wage by occupation, and numbers employed, extrapolated between census years. The difference between the Federal estimates and the above table could be accounted for by expenses, other than earnings, that would apply to employee health services.

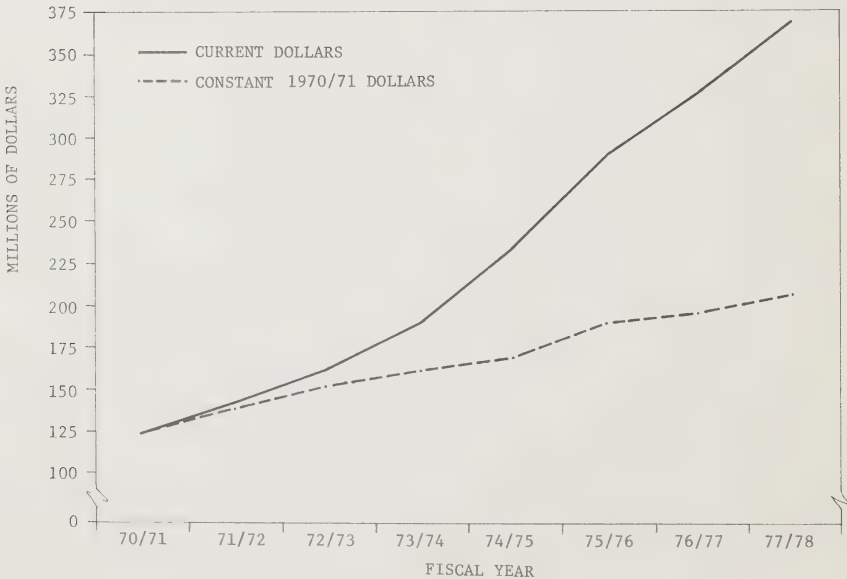


SECTION 5 - EXPENDITURES OF HEALTH  
CARE INSTITUTIONS IN ONTARIO

GRAPH 5.A - Expenditures of All Hospitals in Ontario



GRAPH 5.B - Expenditures of Nursing Homes and Homes for the Aged in Ontario



## SECTION 5

Expenditures of Health Care Institutions in Ontario - Summary - Current and Constant 1970/71 Dollars

| TYPE OF INSTITUTION             | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           | PERCENTAGE CHANGE |                          |
|---------------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|--------------------------|
|                                 | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78           | 1970/71<br>to<br>1977/78 |
| <b>CURRENT DOLLARS</b>          |   |           |           |           |           |           |           |                   |                          |
| Hospitals - Operating Costs     |   |           |           |           |           |           |           |                   |                          |
| Federal                         | 23,247                                  | 25,074    | 25,381    | 28,267    | 31,944    | 38,274    | 39,940    | 36,619            | 4.4                      |
| Public General                  | 892,547                                 | 999,673   | 1,100,649 | 1,237,736 | 1,512,842 | 1,818,171 | 2,038,953 | 2,252,700         | 12.1                     |
| Public Mental                   | 154,082                                 | 180,166   | 198,759   | 220,962   | 256,338   | 293,430   | 340,155   | 364,768           | 15.9                     |
| Total Public                    | 1,046,629                               | 1,179,839 | 1,299,408 | 1,458,698 | 1,769,180 | 2,111,601 | 2,379,108 | 2,617,468         | 12.7                     |
| Private Active Treatment        | 2,446                                   | 2,610     | 2,771     | 3,334     | 3,637     | 4,406     | 3,325     | 3,869             | - 24.5                   |
| Private Chronic                 | 4,631                                   | 5,078     | 5,687     | 6,908     | 8,173     | 8,965     | 10,180    | 11,288            | 13.6                     |
| Private Mental                  | 6,756                                   | 7,679     | 9,250     | 12,134    | 14,833    | 17,104    | 9,999     | 10,147            | - 41.5                   |
| Total Private                   | 13,833                                  | 15,367    | 17,708    | 22,376    | 26,643    | 30,475    | 23,504    | 25,304            | - 22.9                   |
| All Hospitals                   | 1,083,709                               | 1,220,280 | 1,342,497 | 1,509,341 | 1,827,767 | 2,180,350 | 2,442,552 | 2,679,391         | 12.0                     |
| Nursing Homes                   | 74,104                                  | 85,389    | 103,341   | 121,943   | 152,347   | 188,728   | 212,110   | 239,174           | 12.4                     |
| Homes For The Aged (1)          | 50,419                                  | 57,510    | 59,880    | 70,034    | 83,280    | 102,323   | 115,325   | 130,052           | 12.7                     |
| <b>CONSTANT 1970/71 DOLLARS</b> |   |           |           |           |           |           |           |                   |                          |
| Federal Hospitals               | 23,247                                  | 24,415    | 23,457    | 23,794    | 23,015    | 25,130    | 24,060    | 20,572            | - 4.3                    |
| Public Hospitals                | 1,046,629                               | 1,148,821 | 1,200,932 | 1,227,860 | 1,274,625 | 1,386,475 | 1,433,198 | 1,470,488         | 3.4                      |
| Private Hospitals               | 13,833                                  | 14,963    | 16,366    | 18,835    | 19,195    | 20,010    | 14,159    | 14,216            | - 29.2                   |
| All Hospitals                   | 1,083,709                               | 1,188,199 | 1,240,755 | 1,270,489 | 1,316,835 | 1,431,615 | 1,471,417 | 1,505,276         | 2.8                      |
| Nursing Homes                   | 74,104                                  | 83,144    | 95,509    | 102,646   | 109,760   | 123,919   | 127,777   | 134,367           | 3.1                      |
| Homes For The Aged (1)          | 50,419                                  | 55,998    | 55,342    | 58,951    | 60,000    | 67,185    | 69,473    | 73,063            | 3.4                      |

(1) Refers to health expenditures in these institutions, (i.e. extendicare).

Table 5.1 Expenditures of Federal Hospitals in Ontario

| FEDERAL HOSPITALS                           | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| National Health<br>And Welfare              |   |         |         |         |         |         |         |                          |                          |
| Moose Factory                               | 1,460                                   | 1,749   | 1,731   | 1,877   | 2,170   | 3,287   | 3,256   | - 0.9                    | 2.4                      |
| Sioux Lookout                               | 1,029                                   | 1,148   | 1,268   | 1,271   | 1,434   | 1,862   | 2,159   | 16.0                     | - 0.3                    |
| Total                                       | 2,489                                   | 2,897   | 2,999   | 3,148   | 3,604   | 5,149   | 5,415   | 5.2                      | 1.3                      |
| National Defense (1)                        |   |         |         |         |         |         |         |                          |                          |
| Medical Centre - Ottawa                     | 5,971                                   | 6,473   | 6,983   | 8,191   | 9,250   | 10,953  | 12,448  | 13.6                     | 9.3                      |
| CFB Borden                                  | 719                                     | 691     | 375     | 448     | 532     | 640     | 722     | 12.8                     | 10.0                     |
| CFB Trenton                                 | 311                                     | 340     | 307     | 341     | 360     | 483     | 530     | 9.7                      | 10.0                     |
| CFB Kingston                                | 2,114                                   | 2,255   | 2,428   | 2,869   | 2,732   | 1,316   | 266     | - 79.8                   | 9.8                      |
| CFB North Bay                               | 192                                     | 170     | 154     | 171     | 181     | 242     | 266     | 9.9                      | 52                       |
| CFB Toronto                                 | **                                      | **      | **      | **      | **      | 121     | 132     | 9.1                      | 10.6                     |
| CFB Petawawa                                | 617                                     | 610     | 389     | 466     | 553     | 482     | 202     | - 58.1                   | 34                       |
| CFB Clinton                                 | 192                                     | 134     | **      | **      | **      | **      | **      | **                       | **                       |
| Total                                       | 10,116                                  | 10,673  | 10,636  | 12,486  | 13,608  | 14,237  | 14,566  | 2.3                      | 13.6                     |
| Veteran's Affairs<br>Westminster-London (2) |   |         |         |         |         |         |         |                          |                          |
|   | 10,642                                  | 11,504  | 11,746  | 12,633  | 14,732  | 18,888  | 19,959  | 5.7                      | - 26.9                   |
| TOTAL FEDERAL HOSPITALS                     | 23,247                                  | 25,074  | 25,381  | 28,267  | 31,944  | 38,274  | 39,940  | 4.4                      | - 8.3                    |
|   |   |         |         |         |         |         |         |                          | 58                       |

(1) The totals are estimated by the Department of National Health and Welfare based on the number of beds and average cost per bed by size of the hospital. The utilization rate for these hospitals is not known, and it is possible that the totals presented may overestimate the actual health care provided to armed services' personnel in military hospitals.

(2) This hospital converts to public general status in 1978/79.



Table 5.2 Expenditures of Public General Hospitals in Ontario

| PUBLIC GENERAL HOSPITALS (1)         | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |           |           |           |           |           |           |                          |                          | PERCENTAGE CHANGE        |                          |
|--------------------------------------|---|---------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                      | 1970/71                                 | 1971/72 | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1977/78<br>to<br>1976/77 | 1976/77<br>to<br>1975/76 | 1976/77<br>to<br>1970/71 | 1970/71<br>to<br>1977/78 |
|                                      |   |         |           |           |           |           |           |           |                          |                          |                          |                          |
| Salaries and Wages                   | 614,462                                 | 687,202 | 754,848   | 850,786   | 1,050,522 | 1,270,226 | 1,416,701 | 1,549,792 | 11.5                     | 9.4                      | 152                      |                          |
| Medical and Surgical<br>Supplies     | 26,370                                  | 29,698  | 32,851    | 37,346    | 45,987    | 55,401    | 60,110    | 69,389    | 8.5                      | 15.4                     | 163                      |                          |
| Drugs                                | 24,841                                  | 26,536  | 28,531    | 30,998    | 35,457    | 41,399    | 46,046    | 51,415    | 11.2                     | 11.7                     | 107                      |                          |
| Food                                 | 26,837                                  | 27,938  | 29,719    | 34,040    | 39,370    | 43,483    | 45,335    | 50,088    | 4.3                      | 10.5                     | 87                       |                          |
| Depreciation and Interest            | 39,382                                  | 42,955  | 46,066    | 49,516    | 54,157    | 60,353    | 65,434    | 69,586    | 8.4                      | 6.3                      | 77                       |                          |
| Administration                       | 58,109                                  | 67,619  | 78,716    | 92,931    | 120,943   | 150,677   | 181,607   | 206,835   | 20.5                     | 13.9                     | 256                      |                          |
| Laundry, Linen and House-<br>keeping | 16,806                                  | 18,982  | 21,458    | 26,945    | 33,375    | 39,362    | 41,905    | 46,260    | 6.5                      | 10.4                     | 175                      |                          |
| Plant Operation and<br>Maintenance   | 27,815                                  | 31,971  | 36,656    | 42,364    | 50,883    | 61,441    | 75,046    | 88,659    | 22.1                     | 18.1                     | 219                      |                          |
| Other                                | 57,925                                  | 66,772  | 71,804    | 72,810    | 82,148    | 95,829    | 106,769   | 120,676   | 11.4                     | 13.0                     | 108                      |                          |
| TOTAL PUBLIC GENERAL                 | 892,547                                 | 999,673 | 1,100,649 | 1,237,736 | 1,512,842 | 1,818,171 | 2,038,953 | 2,252,700 | 12.1                     | 10.5                     | 152                      |                          |

(1) Public general hospitals relate to publicly-owned budget review hospitals as listed by the Ministry of Health in its annual publication, "Hospital Statistics", with the following exceptions. Seven tuberculosis sanatoria were reclassified in 1972 as public general hospitals and have been incorporated into the above for the years 1970/71 and 1971/72. The Donwood Institute, and the Clinical Institute of the Alcoholism and Research Foundation, and the Clarke Institute of Psychiatry (1977/78 only), are listed within "Hospital Statistics" but are excluded above. They appear within public mental hospitals, table 5.3.

Table 5.3 Expenditures of Public Mental Hospitals in Ontario

| PUBLIC MENTAL HOSPITALS      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|------------------------------|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|                              | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|                              | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Mental and Psychiatric (1)   |   |         |         |         |         |         |         |                   |                          |                          |
| Salaries and Wages           | •                                       | •       | •       | 118,898 | 116,949 | 132,354 | 143,457 | 159,961           | 8.4                      | 11.5                     |
| Medical and Surgical         | •                                       | •       | •       | 281     | 296     | 317     | 346     | 544               | 9.1                      | 57.2                     |
| Supplies                     | •                                       | •       | •       | 1,462   | 1,398   | 1,554   | 1,508   | 1,654             | - 2.0                    | 9.7                      |
| Drugs                        | •                                       | •       | •       | 4,949   | 4,597   | 4,665   | 4,458   | 4,961             | - 4.4                    | 11.3                     |
| Food                         | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Fuel, Electricity, and       | •                                       | •       | •       | 2,426   | 2,634   | 3,326   | 3,719   | 4,585             | 11.8                     | 23.3                     |
| Water                        | •                                       | •       | •       | 9,534   | 9,247   | 7,346   | 9,246   | 6,330             | 25.9                     | - 31.5                   |
| Other Supplies               | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Depreciation and             | •                                       | •       | •       | 337     | 1,176   | 589     | 716     | 529               | 21.6                     | - 26.1                   |
| Interest                     | •                                       | •       | •       | 7,439   | 11,816  | 15,073  | 17,070  | 17,971            | 13.2                     | 5.3                      |
| Other                        | •                                       | •       | •       | 145,326 | 148,113 | 165,209 | 180,520 | 196,535           | 9.3                      | 8.9                      |
| Total                        | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Hospitals For Retardates (2) |   |         |         |         |         |         |         |                   |                          |                          |
| Salaries and Wages           | •                                       | •       | •       | 57,803  | 78,058  | 89,190  | 112,598 | 118,166           | 26.2                     | 4.9                      |
| Medical and Surgical         | •                                       | •       | •       | 102     | 190     | 226     | 349     | 309               | 54.4                     | - 11.5                   |
| Supplies                     | •                                       | •       | •       | 345     | 476     | 568     | 580     | 618               | 2.1                      | 6.6                      |
| Drugs                        | •                                       | •       | •       | 3,508   | 4,636   | 5,090   | 5,535   | 5,870             | 8.7                      | 6.1                      |
| Food                         | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Fuel, Electricity, and       | •                                       | •       | •       | 991     | 1,593   | 1,909   | 2,597   | 2,780             | 36.0                     | 7.0                      |
| Water                        | •                                       | •       | •       | 4,967   | 7,972   | 9,683   | 11,562  | 12,203            | 19.4                     | 5.5                      |
| Other Supplies               | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Depreciation and             | •                                       | •       | •       | 57      | 66      | 391     | 194     | 155               | - 50.4                   | - 20.1                   |
| Interest                     | •                                       | •       | •       | 662     | 6,616   | 10,927  | 13,704  | 14,365            | 25.4                     | 4.8                      |
| Other                        | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Total                        | •                                       | •       | •       | 68,435  | 99,607  | 117,984 | 147,119 | 154,466           | 24.7                     | 5.0                      |
| Emotionally Disturbed (3)    |   |         |         |         |         |         |         |                   |                          |                          |
| Children                     | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Salaries and Wages           | •                                       | •       | •       | 6,179   | 7,341   | 8,411   | 10,359  | 11,395            | 23.2                     | 10.0                     |
| Medical and Surgical         | •                                       | •       | •       | 6       | 6       | 5       | 1       | 1                 | - 80.0                   | 0.0                      |
| Supplies                     | •                                       | •       | •       | 131     | 168     | 169     | 117     | 128               | - 83.3                   | 0.0                      |
| Drugs                        | •                                       | •       | •       | •       | •       | •       | •       | •                 | - 30.8                   | 9.4                      |
| Food                         | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Fuel, Electricity, and       | •                                       | •       | •       | 74      | 93      | 118     | 69      | 76                | - 41.5                   | 10.1                     |
| Water                        | •                                       | •       | •       | 503     | 311     | 405     | 832     | 916               | 105.4                    | 10.1                     |
| Other Supplies               | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Depreciation and             | •                                       | •       | •       | 88      | 111     | 132     | 139     | 153               | 5.3                      | 10.1                     |
| Interest                     | •                                       | •       | •       | 215     | 582     | 991     | 998     | 1,097             | 0.7                      | 9.9                      |
| Other                        | •                                       | •       | •       | •       | •       | •       | •       | •                 | •                        | •                        |
| Total                        | •                                       | •       | •       | 7,201   | 8,618   | 10,237  | 12,516  | 13,767            | 22.3                     | 10.0                     |

Table 5.3 - Continued - Expenditures of Public Mental Hospitals in Ontario

| PUBLIC MENTAL HOSPITALS                         | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |
|---|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1970/71<br>to<br>1977/78 |
| TOTAL - ALL PUBLIC<br>MENTAL HOSPITALS          | 124,546                                 | 143,269 | 161,190 | 182,880 | 202,348 | 229,955 | 266,414 | 289,522           | 15.9                     |
| Salaries and Wages                              | 408                                     | 372     | 399     | 389     | 492     | 548     | 696     | 854               | 27.0                     |
| Medical and Surgical<br>Supplies                | 1,782                                   | 1,653   | 1,763   | 1,812   | 1,880   | 2,113   | 2,089   | 2,273             | - 1.1                    |
| Drugs   | 7,060                                   | 7,127   | 7,664   | 8,588   | 9,401   | 9,924   | 10,110  | 10,959            | 1.9                      |
| Food  |   |         |         |         |         |         |         |                   |                          |
| Fuel, Electricity, and<br>Water                 | 2,650                                   | 3,004   | 3,106   | 3,491   | 4,320   | 5,353   | 6,385   | 7,441             | 19.3                     |
| Other Supplies                                  | 13,891                                  | 18,617  | 17,278  | 15,004  | 17,530  | 17,434  | 21,640  | 19,449            | 24.1                     |
| Depreciation and<br>Interest                    | 352                                     | 410     | 351     | 482     | 1,353   | 1,112   | 1,049   | 837               | - 5.7                    |
| Other   | 3,393                                   | 5,714   | 7,008   | 8,316   | 19,014  | 26,991  | 31,772  | 33,433            | 17.7                     |
| TOTAL PUBLIC MENTAL <sup>(4)</sup><br>HOSPITALS | 154,082                                 | 180,166 | 198,759 | 220,962 | 256,338 | 293,430 | 340,155 | 364,768           | 15.9                     |

(1) Includes the Provincial Hospitals in:

Brockville, Hamilton, Kingston, London, North Bay, Owen Sound, (Dr. Mackimmon Phillips - closed April, 1978), Penetanguishene (Mental Health Centre), St. Thomas, Toronto (Lakeshore, and Queen Street Mental Health Centre), Thunder Bay (Lakehead), and Whitby. Also includes The Addiction Research, Donwood, and Clark Institute hospitals in Toronto, the Royal Ottawa Community Psychiatric Hospital, and the Sudbury Algoma Sanatorium.

(2) Includes the Provincial Hospitals in:

Aurora (Pine Ridge), Brockville (St. Lawrence), Cedar Springs (Southwestern), Cobourg (D'Arcy Place), Edgar (Adult Occupational), Goderich (Bluewater), Gravenhurst (Muskoka), Kingston (L.S. Fenrose), London (Children's Psychiatric Research Institute), North Bay (Nipissing), Orillia (Huron), Palmerston (Midwestern), Picton (Prince Edward Heights), Smiths Falls (Rideau), St. Thomas (Adult Rehab.), Thunder Bay (Northwestern), Toronto (Surrey Place), Whitby (Durham Centre), and Woodstock (Oxford). Also included are Homes in Brantford (Brentwood), Hamilton (Dr. Rygiels), Kingston (Ongwanada), Kitchener (Sunbeam), Oakville (Oaklands), Plainfield (Plainfield), South Porcupine (Ochrane-Temiskaming), Thunder Bay (W. P. Hogarth), Vineland (Bethedo), and Whitby (Christopher Robin). Dr. Rygiels, Sunbeam, Betheda and Christopher Robin became public in 1976 and Plainfield in 1977.

(3) Includes Hospitals in:

Hamilton (Chedoke and Mt. St. Joseph), Toronto (C.M. Hicks and Thistleton) and Windsor (Regional Children's Centre). Mt. St. Joseph became public in 1976.

(4) Data to 1976/77 is based on Statistics Canada catalogue 83-205 - Mental Health Statistics. However, the above data includes hospitals not reporting within 83-205 for 1975/76 (Oaklands and Nipissing) and 1976/77 (L.S. Fenrose and Oxford). The effect is to increase the total for 1975/76 by 1.760 million dollars, and 1976/77 by 17.637 million over that shown by Statistics Canada.

### TABLE 5-4. Number of Patient Days and Expenditures of Private Hospitals in Ontario

| PRIVATE HOSPITALS            | NUMBER OF PATIENT DAYS |         |         |         |         |         | PERCENTAGE CHANGE |         |         |        |
|------------------------------|------------------------|---------|---------|---------|---------|---------|-------------------|---------|---------|--------|
|                              |                        |         |         |         |         |         | 1975/76           | 1976/77 | 1970/71 |        |
|                              | 1970/71                | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77           | 1977/78 |         |        |
| Private Active Treatment (1) |                        |         |         |         |         |         |                   |         |         |        |
| Bobeysgen - Hillcroft        | 5,951                  | 5,866   | 5,845   | 5,682   | 5,897   | 6,154   | 14,011            | 14,211  | 0.6     | ...    |
| Hawkesbury - Smith           | 16,016                 | 15,550  | 14,949  | 14,418  | 13,772  | 13,932  | ...               | ...     | ...     | ...    |
| Kempville - Smith            | 2,135                  | 2,696   | 2,968   | 2,795   | 3,441   | 2,696   | ...               | ...     | ...     | ...    |
| Sudbury - Copper Cliff       | 9,024                  | 9,712   | 10,242  | 10,340  | 9,901   | 21,728  | 21,874            | 23,254  | 0.7     | 6.3    |
| Thornhill - Shoubridge       | 16,018                 | 16,662  | 17,894  | 19,685  | 21,113  | 1,434   | 1,199             | 1,119   | - 15.2  | - 6.7  |
| Thornhill - I.I.P.R.S.       | 862                    | 1,054   | 1,230   | 1,235   | 1,324   | 3,281   | 2,992             | 2,958   | - 8.8   | - 1.1  |
| Toronto - One Medical Pl.    | 4,106                  | 3,608   | 3,496   | 3,585   | 3,604   | 4,873   | ...               | ...     | ...     | ...    |
| Toronto - Medical Centre     | 5,768                  | 5,750   | 5,743   | 5,490   | 5,113   | 403     | 424               | 342     | 5.2     | - 19.3 |
| Virgil - Cosmetic Surg.      | ...                    | ...     | ...     | 392     | 395     | ...     | ...               | ...     | ...     | ...    |
| Woodbridge - Cosmetic Surg.  | ...                    | ...     | ...     | 8,610   | ...     | ...     | ...               | ...     | ...     | ...    |
| Other -                      | 23,726                 | 17,492  | 9,339   | 8,610   | ...     | ...     | ...               | ...     | ...     | ...    |
| Total Patient Days           | 83,606                 | 78,390  | 71,706  | 72,232  | 64,560  | 63,475  | 40,500            | 41,884  | - 36.2  | 3.4    |
| Cost Per Patient Day (\$)    | 29.26                  | 33.30   | 38.64   | 46.16   | 56.34   | 69.41   | 82.10             | 92.38   | 18.3    | 12.5   |
| Total Cost (\$000)           | 2,446                  | 2,610   | 2,771   | 3,334   | 3,637   | 4,406   | 3,325             | 3,869   | - 24.5  | 16.4   |
| Private Chronic              |                        |         |         |         |         |         |                   |         |         |        |
| Burford - Bellview           | 3,962                  | 3,943   | 3,919   | 4,010   | 3,947   | 3,818   | 4,006             | 4,102   | 4.9     | 2.4    |
| Cobourg - Sidbrook           | 3,882                  | 12,836  | 13,480  | 13,379  | 13,429  | 13,620  | 13,690            | 14,015  | 0.5     | 2.4    |
| Hamilton - Rest Haven        | 12,352                 | 12,317  | 12,359  | 12,278  | 12,230  | 12,284  | 12,300            | 12,580  | 0.1     | 2.3    |
| Lakefield - Lakefield        | 3,973                  | 3,999   | 3,991   | 4,000   | 4,006   | 4,002   | 4,000             | 4,089   | ...     | 2.2    |
| Lindsay - Douglas            | 5,100                  | 5,101   | 5,114   | 5,172   | 5,496   | ...     | ...               | ...     | ...     | ...    |
| Lindsay - Lindsay            | 7,754                  | 7,658   | 7,205   | 7,205   | 7,860   | ...     | ...               | ...     | ...     | ...    |
| Lindsay - Egerton            | 5,609                  | 5,733   | 5,586   | 5,875   | ...     | ...     | ...               | ...     | ...     | ...    |
| London - Egerton             | 20,409                 | 20,602  | 20,680  | 20,844  | 21,356  | 21,313  | 21,344            | 21,496  | 0.1     | 0.7    |
| London - Mason Villa         | 7,260                  | 7,283   | 7,266   | 7,287   | 7,270   | 7,286   | 7,287             | 7,448   | 2.2     | 2.2    |
| Penetang - Beechwood         | 7,362                  | 8,429   | 8,266   | 8,158   | 7,844   | 8,011   | 8,005             | 7,735   | - 0.1   | - 3.6  |
| Perth - Four Winds           | 6,056                  | 6,184   | 6,156   | 6,098   | 6,108   | 6,152   | 6,152             | 6,233   | - 0.6   | 1.3    |
| Perth - Mismen's             | 9,687                  | 9,554   | 9,357   | 9,357   | 9,408   | 9,506   | 9,043             | 7,873   | - 4.9   | - 12.9 |
| Strouville - Briarhush       | 11,968                 | 13,649  | 13,649  | 35,900  | 36,347  | 36,219  | 36,307            | 37,136  | 0.2     | 2.3    |
| Thornhill - Villa            | 9,697                  | 9,728   | 9,472   | 9,288   | 10,380  | 10,480  | 10,588            | 10,801  | 1.0     | 2.0    |
| Thornhill - Maple Hurst      | 6,485                  | 6,472   | 6,530   | 6,493   | 6,664   | 6,462   | 6,402             | 6,333   | - 0.9   | - 1.1  |
| Toronto - Dawson             | 10,985                 | 11,192  | 11,298  | 12,493  | 11,982  | 11,274  | 11,290            | 11,490  | 0.1     | 1.8    |
| Toronto - St. Joseph's       | 12,754                 | 12,757  | 12,539  | 12,038  | 12,283  | 12,672  | 12,709            | 13,015  | 0.3     | 2.4    |
| Toronto - Woodstock          | 5,798                  | 5,781   | 5,789   | 5,789   | 5,794   | 5,814   | 5,834             | 5,957   | 0.3     | 2.1    |
| Other -                      | 16,503                 | 10,724  | 4,860   | 4,558   | ...     | ...     | ...               | ...     | ...     | ...    |
| Total Patient Days           | 177,296                | 173,772 | 174,344 | 188,962 | 181,580 | 168,953 | 168,957           | 170,303 | - 4     | 0.8    |
| Cost Per Patient Day (\$)    | 26.12                  | 29.22   | 32.62   | 36.56   | 45.01   | 53.06   | 60.25             | 66.28   | 13.6    | 10.0   |
| Total Cost (\$000)           | 4,631                  | 5,078   | 5,687   | 6,908   | 8,173   | 8,965   | 10,180            | 11,288  | 13.6    | 10.9   |

Table 5.4 Cont'd. - Number of Patient Days and Expenditures of Private Hospitals in Ontario

| PRIVATE HOSPITALS                                       | NUMBER OF PATIENT DAYS |         |         |         |         |         |         |         |                          |                          | PERCENTAGE CHANGE        |  |
|---|------------------------|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|--|
|   |                        |         |         |         |         |         |         |         |                          |                          |                          |  |
|   | 1970/71                | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1977/78 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |  |
| <b>Private Mental Hospitals</b>                         |                        |         |         |         |         |         |         |         |                          |                          |                          |  |
| <b>A - Mental and Psychiatric</b>                       |                        |         |         |         |         |         |         |         |                          |                          |                          |  |
| Guelph - Homewood                                       | 106,626                | 106,717 | 112,197 | 109,395 | 109,610 | 100,300 | 71,394  | 70,000  | - 28.8                   | - 2.0                    | - 34                     |  |
| Kingston - Inst. of Psych.                              | 6,564                  | 6,574   | 6,312   | 5,942   | 5,918   | 5,689   | 5,542   | 5,346   | - 2.6                    | - 3.5                    | - 19                     |  |
| Toronto - Sunnyside                                     | 4,207                  | 4,424   | 4,218   | 3,522   | 3,338   | 3,332   | 2,895   | 2,917   | - 13.1                   | - 0.8                    | - 31                     |  |
| <b>Total Patient Days</b>                               | 117,397                | 117,715 | 122,727 | 118,859 | 118,766 | 109,321 | 79,831  | 78,263  | - 27.0                   | - 2.0                    | - 33                     |  |
| <b>Cost Per Patient Day (\$)</b> (2)                    | 15.58                  | 18.82   | 22.50   | 28.86   | 37.02   | 46.80   | 57.23   | 68.89   | 22.3                     | 20.4                     | 342                      |  |
| <b>Total Cost (\$000)</b>                               | 1,829                  | 2,215   | 2,761   | 3,430   | 4,397   | 5,116   | 4,569   | 5,392   | - 10.7                   | 18.0                     | 195                      |  |
| <b>B - Hospitals For (4)<br/>Retardates</b>             |                        |         |         |         |         |         |         |         |                          |                          |                          |  |
| Hamilton - Dr. Rydgels                                  | 36,828                 | 36,928  | 37,664  | 37,367  | 35,431  | 35,144  | ..      | ..      | ..                       | ..                       | ..                       |  |
| Kitchener - Sunbeam                                     | 46,024                 | 46,002  | 46,024  | 45,944  | 45,990  | 45,990  | ..      | ..      | ..                       | ..                       | ..                       |  |
| Plainfield - Plainfield                                 | 26,518                 | 26,618  | 26,625  | 26,778  | 26,778  | 26,645  | 26,645  | ..      | - 0.4                    | ..                       | ..                       |  |
| Vine land - Bethesda                                    | 38,765                 | 38,273  | 39,198  | 41,938  | 43,154  | 43,055  | ..      | ..      | ..                       | ..                       | ..                       |  |
| Whitby - Christopher<br>Robin                           | 18,520                 | 19,308  | 19,355  | 19,370  | 19,122  | 19,151  | ..      | ..      | ..                       | ..                       | ..                       |  |
| <b>Total Patient Days</b>                               | 166,655                | 167,129 | 168,866 | 171,297 | 170,337 | 170,085 | 26,645  | ..      | ..                       | ..                       | ..                       |  |
| <b>Cost Per Patient Day (\$)</b> (2)                    | 13.52                  | 15.26   | 18.62   | 26.16   | 32.29   | 37.60   | 43.11   | ..      | 14.7                     | ..                       | ..                       |  |
| <b>Total Cost (\$000)</b>                               | 2,253                  | 2,550   | 3,144   | 4,481   | 5,500   | 6,395   | 1,149   | ..      | ..                       | ..                       | ..                       |  |
| <b>C - Emotionally Disturbed (5)<br/>Children</b>       |                        |         |         |         |         |         |         |         |                          |                          |                          |  |
| Hamilton - Mt. St. Joseph                               | 6,102                  | 6,152   | 6,193   | 6,317   | 6,714   | 7,639   | ..      | ..      | ..                       | ..                       | ..                       |  |
| London - Mme. Vanier                                    | 7,876                  | 7,715   | 8,623   | 12,498  | 13,801  | 13,728  | 12,801  | 12,750  | - 6.8                    | - 0.4                    | 62                       |  |
| Toronto - Sacred Heart                                  | 14,994                 | 14,542  | 14,494  | 14,655  | 15,268  | 15,260  | 14,362  | 14,350  | - 5.9                    | - 0.1                    | - 4                      |  |
| <b>Total Patient Days</b>                               | 28,972                 | 28,409  | 29,310  | 33,470  | 35,783  | 36,627  | 27,163  | 27,100  | - 25.8                   | - 0.2                    | - 6                      |  |
| <b>Cost Per Patient Day (\$)</b> (2)                    | 92.28                  | 102.56  | 114.12  | 126.16  | 137.93  | 152.71  | 157.60  | 175.47  | 3.2                      | 11.3                     | 90                       |  |
| <b>Total Cost (\$000)</b>                               | 2,674                  | 2,914   | 3,345   | 4,223   | 4,936   | 5,593   | 4,281   | 4,755   | - 23.5                   | 11.1                     | 78                       |  |
| <b>TOTAL COST - ALL<br/>PRIVATE HOSPITALS (\$000's)</b> | 13,833                 | 15,367  | 17,708  | 22,376  | 26,643  | 30,475  | 23,504  | 25,304  | - 22.9                   | 7.7                      | 83                       |  |

- (1) Hillcroft closed April 20, 1976; Oxford, March 10, 1976; Copper Cliff, April 29, 1976; Medical Centre, April 23, 1976; and Cosmetic Surgery Institute opened January 9, 1973.
- (2) Cost per patient day known in 1977/78 and estimated for prior years based on costs from similar size and type of public hospitals, factored to a lower cost as indicated by data in 1977/78.
- (3) Douglas closed April 11, 1975; Lindsay, April 22, 1975; Egerton, May 23, 1974; and Brierbush, December 14, 1977.
- (4) Dr. Rydgels, Sunbeam, Bethesda, and Christopher Robin became public hospitals in 1976 and Plainfield in 1977.
- (5) Mt. St. Joseph became public in 1976.

Table 5.5 Capital Expenditures For Ontario Hospitals Including Source of Funding

| CAPITAL EXPENDITURES FOR<br>ONTARIO HOSPITALS (1)      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|  |   |         |         |         |         |         |         |                          |                          |
| Construction   |   |         |         |         |         |         |         |                          |                          |
| New  | 84,375                                  | 100,250 | 99,675  | 104,975 | 104,725 | 82,975  | 75,850  | - 8.6                    | 9.8                      |
| Repair   | 8,550                                   | 9,775   | 11,500  | 12,375  | 13,075  | 16,050  | 18,550  | 15.6                     | 9.0                      |
| Total  | 92,925                                  | 110,025 | 111,175 | 117,350 | 117,800 | 99,025  | 94,400  | - 4.7                    | 9.7                      |
| Machinery and Equipment                                |   |         |         |         |         |         |         |                          |                          |
| New  | 25,050                                  | 28,650  | 33,625  | 37,875  | 41,500  | 39,250  | 42,725  | 8.9                      | 22.5                     |
| Repair   | 5,950                                   | 7,100   | 9,150   | 9,250   | 10,800  | 13,375  | 14,650  | 9.5                      | 16.9                     |
| Total  | 31,000                                  | 35,750  | 42,775  | 47,125  | 52,300  | 52,625  | 57,375  | 9.0                      | 21.0                     |
| TOTAL CAPITAL EXPENDITURES<br>CURRENT DOLLARS          | 123,925                                 | 145,775 | 153,950 | 164,475 | 170,100 | 151,650 | 151,775 | 0.1                      | 14.0                     |
| TOTAL CAPITAL EXPENDITURES<br>CONSTANT 1970/71 DOLLARS | 123,925                                 | 138,359 | 137,874 | 134,749 | 114,847 | 93,507  | 87,569  | - 6.4                    | 4.9                      |
| SOURCE OF FUNDING (2)                                  |   |         |         |         |         |         |         |                          |                          |
| Governments (3)  | 88,854                                  | 110,905 | 120,237 | 115,639 | 128,596 | 124,071 | 122,941 | - 0.9                    | 12.8                     |
| Private Business                                       | 12,275                                  | 12,205  | 11,800  | 17,093  | 14,526  | 9,653   | 10,092  | 4.5                      | 19.0                     |
| Individuals  | 22,796                                  | 22,665  | 21,913  | 31,743  | 26,978  | 17,926  | 18,742  | 4.6                      | 19.0                     |

- (1) Excludes Federal Hospitals.  
 (2) The difference between total capital expenditures less government funding is assumed to be fully financed by private business and individuals, either directly through hospital campaign drives, or indirectly through semi-private, private diffentials or other sources. Subsequently, private business is estimated to account for 35% of this difference and individuals the remaining 65%.  
 (3) Provincial and Municipal Governments, including a grant in 1977/78 of \$3,071,000 from the Provincial Lottery Fund, going to the Ottawa Health Science Centre General Hospital. Provincial support includes Capital Financial Assistance, Grants to Public General Hospitals and Teaching Hospitals, depreciation on shareable equipment financed by the Ministry of Health, and capital expenditures on Provincial and other mental hospitals. Note that this total differs from that shown in Table 5.8 in that it includes municipal contributions and depreciation on shareable equipment; the latter is part of operating expenditures in Table 5.8.

Table 5.6 Capital Stock Estimates For Hospitals in Ontario

| CAPITAL STOCK ESTIMATES (1)<br>FOR HOSPITALS<br>IN ONTARIO | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           | PERCENTAGE CHANGE        |                          |
|--|---|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Gross Capital Stock (2)                                    |   |           |           |           |           |           |           |                          |                          |
| Construction Machinery and Equipment                       | 1,580,945                               | 1,744,937 | 1,947,743 | 2,228,864 | 2,609,506 | 2,936,811 | 3,256,567 | 10.9                     | 9.8                      |
|  | 251,492                                 | 279,101   | 316,159   | 367,941   | 429,280   | 477,164   | 513,182   | 7.5                      | 7.7                      |
| Total Gross Capital Stock In:                              |   |           |           |           |           |           |           |                          |                          |
| Current Dollars  | 1,832,437                               | 2,024,038 | 2,263,902 | 2,596,805 | 3,038,786 | 3,413,975 | 3,769,749 | 10.4                     | 9.5                      |
| Constant 1970/71 (4)<br>Dollars                            | 1,832,437                               | 1,921,069 | 2,027,496 | 2,127,482 | 2,051,709 | 2,105,053 | 2,175,023 | 3.3                      | 0.8                      |
| Net Capital Stock (3)                                      |   |           |           |           |           |           |           |                          |                          |
| Construction Machinery and Equipment                       | 1,251,781                               | 1,373,827 | 1,522,239 | 1,727,225 | 2,001,478 | 2,221,310 | 2,425,183 | 9.2                      | 8.1                      |
|  | 159,192                                 | 174,756   | 196,364   | 227,304   | 263,531   | 289,161   | 304,935   | 5.5                      | 7.4                      |
| Total Net Capital Stock In:                                |   |           |           |           |           |           |           |                          |                          |
| Current Dollars (4)<br>Constant 1970/71                    | 1,410,973                               | 1,548,583 | 1,718,603 | 1,954,529 | 2,265,009 | 2,510,471 | 2,730,118 | 8.7                      | 8.0                      |
| Dollars  | 1,410,973                               | 1,469,802 | 1,539,139 | 1,601,285 | 1,529,275 | 1,547,954 | 1,575,189 | 1.8                      | - 0.6                    |

(1) This data is applicable to the March 31st year ending with 1977/78 data provisional. Statistics Canada has developed provincial capital stock data on an experimental basis in that there are problems associated with provincial estimates. That is, the deflators "average economic lives" are those used in the national series rather than specific series developed by province. Since Ontario is a major input to the national series, it is highly probable that the use of national deflators, etc., do not introduce significant bias for information presented in this table.

(2) "Gross" indicates capital assets at full value during the entire time they remain in the capital stock, with deductions from gross investment due only to the fact that assets in question have ceased to exist.

(3) "Net" indicates an allowance for capital consumption made by applying a straight line depreciation formula to the gross stock estimates.

(4) The deflator used here is the implicit price index for gross fixed capital formation for government for non-residential construction and machinery and equipment. The third quarter of 1970 is set equal to 100 to represent a 1970/71 dollar. In order to deflate subsequent years to constant 1970/71 dollars, the following index is used for 1970/71 to 1977/78 respectively: 100.00; 105.36; 111.66; 122.06; 148.11; 162.18; 173.32; and 188.34.



Table 5.7 Revenues and Expenditures of Nursing Homes in Ontario

|   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |                          |                          | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|--------------------------|
|   |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1975/76<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| <b>NURSING HOMES INCLUDING<br/>HOMES FOR SPECIAL CARE</b> |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| <b>EXPENDITURES (1)</b>                                   |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Nursing Services  | 26,457                                  | 30,593  | 37,289  | 44,080  | 55,212  | 68,416  | 76,873  | 86,883  | 12.4                     | 13.0                     | 228                      | 228                      |
| Dietary Services  | 9,685                                   | 11,199  | 13,649  | 16,136  | 20,210  | 25,043  | 28,139  | 31,804  | 12.4                     | 13.0                     | 228                      | 228                      |
| Laundry, Linen and<br>Housekeeping                        | 4,842                                   | 5,599   | 6,825   | 8,068   | 10,105  | 12,522  | 14,070  | 15,902  | 12.4                     | 13.0                     | 228                      | 228                      |
| Resident Services -<br>Social                             | 702                                     | 812     | 989     | 1,169   | 1,465   | 1,815   | 2,039   | 2,305   | 12.3                     | 13.0                     | 228                      | 228                      |
| Building and Property                                     | 9,614                                   | 11,118  | 13,551  | 16,019  | 20,064  | 24,862  | 27,935  | 31,573  | 12.4                     | 13.0                     | 228                      | 228                      |
| Depreciation and Interest                                 | 8,632                                   | 9,981   | 12,166  | 14,382  | 18,014  | 22,321  | 26,347  | 28,747  | 12.4                     | 13.0                     | 228                      | 228                      |
| Administration  | 9,825                                   | 11,361  | 13,847  | 16,370  | 20,503  | 25,406  | 28,547  | 32,265  | 12.4                     | 13.0                     | 228                      | 228                      |
| Other   | 421                                     | 487     | 593     | 702     | 879     | 1,089   | 1,223   | 1,383   | 12.3                     | 13.1                     | 229                      | 229                      |
| <b>Total Nursing Homes (2)</b>                            | 70,178                                  | 81,150  | 98,909  | 116,926 | 146,452 | 181,474 | 203,907 | 230,462 | 12.4                     | 13.0                     | 228                      | 228                      |
| <b>Homes For Special Care</b>                             |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| - Residential   | 3,190                                   | 3,444   | 3,601   | 4,076   | 4,790   | 5,894   | 6,665   | 6,846   | 13.1                     | 4.2                      | 118                      | 118                      |
| - Other (Allowances)                                      | 736                                     | 795     | 831     | 941     | 1,105   | 1,360   | 1,538   | 1,766   | 13.1                     | 14.8                     | 140                      | 140                      |
| <b>TOTAL EXPENDITURES</b>                                 | 74,104                                  | 85,389  | 103,341 | 121,943 | 152,347 | 188,728 | 212,110 | 239,174 | 12.4                     | 12.8                     | 223                      | 223                      |
| <b>REVENUES FROM (3)</b>                                  |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| <b>Ministry of Health</b>                                 |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Extended Care   | ...                                     | ...     | 30,749  | 47,698  | 63,259  | 86,807  | 101,869 | 131,951 | 17.4                     | 29.5                     | ...                      | ...                      |
| Chronic Care  | 2,090                                   | 2,185   | 1,907   | 2,031   | 2,181   | 2,173   | 2,384   | 2,019   | 9.7                      | - 15.3                   | - 3                      | - 3                      |
| Homes For Special Care                                    | 24,541                                  | 26,495  | 27,702  | 31,354  | 36,845  | 43,335  | 51,266  | 57,008  | 13.1                     | 11.2                     | 132                      | 132                      |
| <b>Ministry of Community and<br/>Social Services</b>      | 13,896                                  | 16,932  | 12,413  | 8,809   | 6,324   | 1,259   | 835     | 762     | - 33.7                   | - 8.7                    | - 95                     | - 95                     |
| Municipal Governments                                     | 902                                     | 1,100   | 812     | 388     | 279     | 220     | 129     | 91      | - 41.4                   | - 29.5                   | - 90                     | - 90                     |
| Residents   | 39,055                                  | 46,055  | 38,749  | 42,292  | 56,773  | 68,100  | 75,182  | 70,909  | 10.4                     | - 5.7                    | 82                       | 82                       |
| <b>TOTAL REVENUES</b>                                     | 80,484                                  | 92,767  | 112,332 | 132,572 | 165,661 | 203,894 | 231,665 | 262,740 | 13.6                     | 13.4                     | 226                      | 226                      |
| <b>Profit Component (Revenue<br/>Less Expenditures)</b>   | 6,380                                   | 7,378   | 8,991   | 10,629  | 13,314  | 15,166  | 19,555  | 23,566  | 28.9                     | 20.5                     | 269                      | 269                      |

(1) Totals have been developed for the years 1975/76 to 1977/78 based on the audited financial statements of nursing homes. Prior years are estimated using bed counts, occupancy rates, and cost per bed with an adjustment factor developed by comparing this estimation method with the known audited information. The separations by item are based on information available for calendar years 1977 and 1978. From these years, a ratio to the total for each separation has been determined, and subsequently applied to all prior years. The mix of expenditures between categories is not likely to have shifted significantly over the years; and this estimation procedure, while not fully accurate, will produce reliable time series.

(2) Includes Homes For Special Care spending within nursing homes. Expenditures on special allowances and residential Homes For Special Care are shown separately. The Homes For Special Care Program provides a lower level institutional care alternative to psychiatric hospitals for appropriate patients.

(3) The monies expended by governments are subtracted from revenue totals to determine the residents' portion. The net difference between total expenditures and revenues represents profits earned by the nursing home industry.



Table 5.8 Ontario Government Funding For Hospitals, Nursing Homes, and Homes For The Aged (Health Component)

| ONTARIO GOVERNMENT<br>PAYMENTS TO:      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           | PERCENTAGE CHANGE        |                          |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|
|   |   |           |           |           |           |           |           | 1975/76<br>to<br>1977/77 | 1976/77<br>to<br>1977/78 |
|   | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78                  | 1970/71<br>to<br>1977/78 |
| <b>HOSPITALS</b>                        |   |           |           |           |           |           |           |                          |                          |
| Operating Revenue                       |   |           |           |           |           |           |           |                          |                          |
| Federal                                 | 6,935                                   | 7,348     | 6,394     | 7,773     | 8,905     | 10,452    | 11,726    | 14,738                   | 113                      |
| Public General (2)                      | 774,464                                 | 877,011   | 974,211   | 1,093,759 | 1,344,451 | 1,614,885 | 1,809,994 | 1,998,490                | 158                      |
| Public Mental                           | 149,705                                 | 174,400   | 193,838   | 218,001   | 248,928   | 285,424   | 329,511   | 353,825                  | 136                      |
| Private Active Trt.                     | 1,547                                   | 2,302     | 2,693     | 2,542     | 2,905     | 2,722     | 5,549     | 2,013                    | 30                       |
| Private Chronic                         | 1,937                                   | 2,882     | 3,542     | 3,788     | 4,331     | 5,073     | 5,754     | 4,874                    | 152                      |
| Private Mental                          | 6,014                                   | 7,278     | 8,441     | 9,046     | 11,456    | 14,057    | 11,132    | 11,471                   | 91                       |
| Total Operating                         | 940,602                                 | 1,071,221 | 1,189,119 | 1,334,909 | 1,620,976 | 1,932,413 | 2,171,066 | 2,385,411                | 154                      |
| Capital Revenue                         |   |           |           |           |           |           |           |                          |                          |
| Public General                          | 59,166                                  | 71,986    | 75,804    | 74,695    | 86,595    | 77,142    | 73,185    | 84,069                   | 42                       |
| Public Mental                           | 11,400                                  | 18,200    | 19,200    | 17,000    | 13,400    | 13,900    | 12,850    | 11,025                   | 3                        |
| Total Capital (3)                       | 70,566                                  | 90,186    | 95,004    | 91,695    | 99,995    | 91,042    | 86,035    | 95,094                   | 35                       |
| TOTAL RECEIVED BY<br>ALL HOSPITALS      | 1,011,168                               | 1,161,407 | 1,284,123 | 1,426,604 | 1,720,971 | 2,023,455 | 2,257,101 | 2,480,505                | 145                      |
| <b>NURSING HOMES</b>                    |   |           |           |           |           |           |           |                          |                          |
| Extended Care                           | ...                                     | ...       | 30,749    | 47,698    | 63,259    | 86,807    | 101,869   | 131,951                  | ...                      |
| Homes For Special Care                  | 24,541                                  | 26,495    | 27,702    | 31,354    | 36,845    | 45,335    | 51,266    | 57,008                   | 132                      |
| Homes Approved For<br>Chronic Care      | 2,090                                   | 2,185     | 1,907     | 2,031     | 2,181     | 2,173     | 2,384     | 2,019                    | 3                        |
| General Welfare<br>Assistance Act       | 13,896                                  | 16,932    | 12,413    | 8,809     | 6,324     | 1,259     | 835       | 762                      | 95                       |
| TOTAL RECEIVED BY<br>NURSING HOMES      | 40,527                                  | 45,612    | 72,771    | 89,892    | 108,609   | 135,574   | 156,354   | 191,740                  | 373                      |
| <b>HOMES FOR THE AGED</b>               |   |           |           |           |           |           |           |                          |                          |
| Operating Revenue                       | 23,550                                  | 26,786    | 35,490    | 47,605    | 55,512    | 67,439    | 74,260    | 83,405                   | 254                      |
| Capital Revenue                         | 3,839                                   | 4,316     | 3,106     | 2,546     | 1,488     | 1,842     | 3,734     | 818                      | 79                       |
| TOTAL RECEIVED BY<br>HOMES FOR THE AGED | 27,389                                  | 31,102    | 38,596    | 50,151    | 57,000    | 69,281    | 77,994    | 84,223                   | 208                      |

(1) Does not include payments of Workmen's Compensation Board to hospitals. These payments are shown in Table 2.6.

(2) Includes special votes for municipal taxes, detoxification centres, ambulance, children's mental health, and respiratory disease and psychiatric salaries, as well as revenues from inpatient and outpatient services.

(3) Does not include Ministry of Health funding for depreciation of shareable equipment, this being included within operating costs above. Note that in Table 5.5, this component of depreciation is included within the category showing Governments as a source of revenue for capital expenditures for hospitals. Total includes Provincial Lottery grant of \$3,071,000 to the Ottawa Health Science Centre General Hospital in 1977/78.

5.9 Health Expenditures in Homes For The Aged - Ontario

| EXTENDED CARE (1)<br>OPERATING EXPENDITURES<br>HOMES FOR THE AGED | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|   |   |         |         |         |         |         |         | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78                  | 1970/71<br>to<br>1977/78 |
| BY ITEM (2)   |   |         |         |         |         |         |         |                          |                          |
| Nursing Services  | 26,259                                  | 29,949  | 31,095  | 36,368  | 43,243  | 53,146  | 59,862  | 67,452                   | 157                      |
| Drugs   | 56                                      | 65      | 67      | 78      | 93      | 115     | 129     | 146                      | 161                      |
| Dietary Services  | 9,068                                   | 10,345  | 10,850  | 12,656  | 15,051  | 18,484  | 20,854  | 23,549                   | 160                      |
| Laundry, Linen and Housekeeping                                   | 6,051                                   | 6,902   | 7,169   | 8,385   | 9,969   | 12,252  | 13,801  | 15,552                   | 157                      |
| Resident Services - Social  | 1,386                                   | 1,581   | 1,657   | 1,938   | 2,306   | 2,830   | 3,195   | 3,609                    | 160                      |
| Funeral and Burial  | 17                                      | 19      | 20      | 23      | 27      | 34      | 38      | 42                       | 147                      |
| Building and Property Administration                              | 4,128                                   | 4,708   | 4,916   | 5,749   | 6,838   | 8,399   | 9,471   | 10,688                   | 159                      |
|   | 3,454                                   | 3,941   | 4,136   | 4,837   | 5,753   | 7,063   | 7,975   | 9,014                    | 161                      |
| Total All Homes   | 50,419                                  | 57,510  | 59,880  | 70,034  | 83,280  | 102,323 | 115,325 | 130,052                  | 158                      |
| BY SPENDER (3)  |   |         |         |         |         |         |         |                          |                          |
| Municipal Homes   |   |         |         |         |         |         |         |                          |                          |
| Ministry of Community and Social Services                         | 21,106                                  | 24,026  | 30,736  | 40,170  | 46,777  | 57,349  | 62,792  | 70,011                   | 232                      |
| Municipal Governments Residents                                   | 5,277                                   | 6,007   | 7,608   | 3,811   | 5,791   | 7,344   | 8,006   | 9,463                    | 79                       |
|   | 16,331                                  | 18,632  | 10,782  | 13,453  | 15,678  | 19,434  | 23,357  | 25,729                   | 58                       |
| Total Municipal   | 42,714                                  | 48,665  | 49,126  | 57,434  | 68,246  | 84,127  | 94,155  | 105,203                  | 146                      |
| Charitable Homes  |   |         |         |         |         |         |         |                          |                          |
| Ministry of Community and Social Services                         | 2,444                                   | 2,760   | 4,754   | 7,435   | 8,735   | 10,090  | 11,468  | 13,394                   | 448                      |
| Sponsoring Agencies   | 640                                     | 723     | 1,283   | 1,470   | 2,172   | 3,099   | 3,581   | 4,122                    | 544                      |
| Residents   | 4,621                                   | 5,362   | 4,717   | 3,695   | 4,127   | 5,007   | 6,121   | 7,333                    | 59                       |
| Total Charitable  | 7,705                                   | 8,845   | 10,754  | 12,600  | 15,034  | 18,196  | 26,170  | 24,849                   | 223                      |

- (1) Health care prior to 1972 is defined to include bed care and special care, but not normal care. The Extended Care Program, introduced in April 1972, changed the standard of care to residential or extended care. The latter requires 1.5 hours of nursing and personal care per day; and the resident must be approved for the Extended Care Program. Costs under the Residential Care Program are excluded.
- (2) Municipal and Charitable Homes combined. Nursing Services includes Nurses, Nursing Assistants, and other personnel performing related services. All data prior to 1978 is separated as shown by the use of ratios developed from 1978 data (earlier years unavailable) which are applied to the known totals for each year.
- (3) Data for the calendar years 1970, 1971, and 1972 are estimated using average per diem rate times the total number of resident days for the former programs, special care and bed care. The proportions paid in these years by governments, sponsoring agencies, and residents is estimated. Data for subsequent years is developed directly from reporting forms and adjusted from a calendar to a March 31st fiscal year basis.

Table 5.10 Capital Expenditures For Homes For The Aged (Health Component) in Ontario

| CAPITAL EXPENDITURES FOR<br>HOMES FOR THE AGED<br><br>(1)  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |                          |
|--|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|
|  |   |         |         |         |         |         |         |                          |                          |                          |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| BY TYPE OF HOME  |   |         |         |         |         |         |         |                          |                          |                          |
| Municipal Homes (2)  | 6,386                                   | 7,336   | 5,242   | 4,358   | 2,594   | 4,954   | 6,578   | 32.8                     | - 81.5                   | - 81                     |
| Charitable Homes   | 1,938                                   | 1,944   | 1,455   | 1,101   | 573     | 1,095   | 1,335   | 21.9                     | - 53.0                   | - 68                     |
| TOTAL CAPITAL EXPENDITURES<br>CURRENT DOLLARS              | 8,324                                   | 9,280   | 6,697   | 5,459   | 3,167   | 6,049   | 7,913   | 30.8                     | - 76.7                   | - 78                     |
| TOTAL CAPITAL EXPENDITURES (3)<br>CONSTANT 1970/71 DOLLARS | 8,324                                   | 8,808   | 5,998   | 4,472   | 2,138   | 3,730   | 4,566   | 22.4                     | - 78.5                   | - 88                     |
| BY SPENDER   |   |         |         |         |         |         |         |                          |                          |                          |
| Municipal Homes  |   |         |         |         |         |         |         |                          |                          |                          |
| Ministry of Community<br>and Social Services               | 3,193                                   | 3,668   | 2,621   | 2,179   | 1,297   | 2,477   | 3,289   | 32.8                     | - 81.5                   | - 81                     |
| Municipal Governments                                      | 3,193                                   | 3,668   | 2,621   | 2,179   | 1,297   | 2,477   | 3,289   | 32.8                     | - 81.5                   | - 81                     |
| Charitable Homes   |   |         |         |         |         |         |         |                          |                          |                          |
| Ministry of Community<br>and Social Services               | 646                                     | 648     | 485     | 367     | 191     | 365     | 445     | 21.9                     | - 53.0                   | - 68                     |
| Sponsoring Agencies  | 1,292                                   | 1,296   | 970     | 734     | 382     | 730     | 890     | 21.9                     | - 53.0                   | - 68                     |

(1) Represents only a portion of the total capital expenditures on Homes For the Aged in proportion to the number of beds allocated to extended care. That is, the data refers to health spending only.

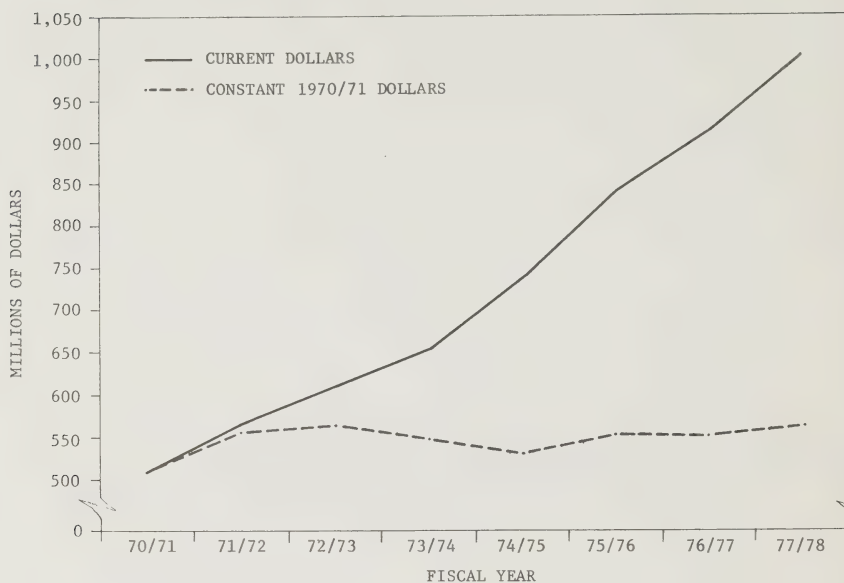
(2) Total estimated to be three times input by Ministry of Community and Social Services.

(3) See footnote (4), Table 5.6 for index used.

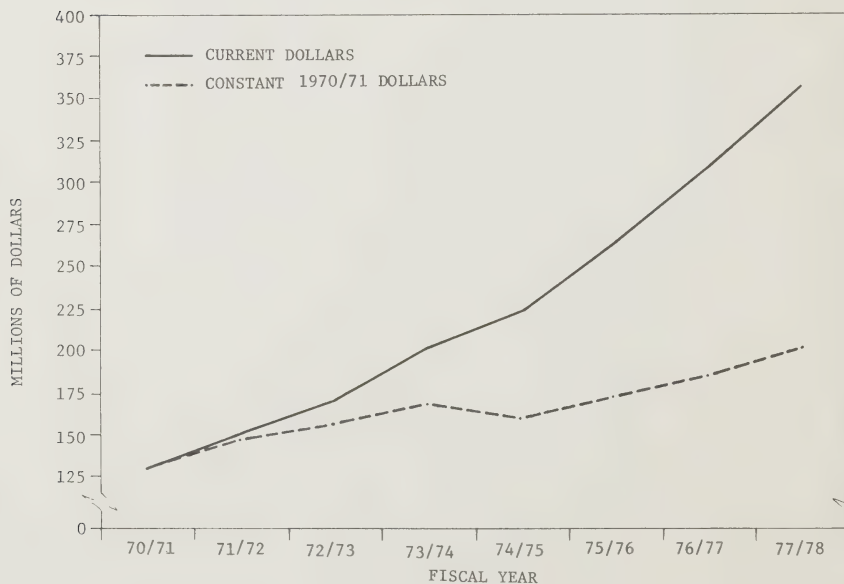


SECTION 6 - EXPENDITURES AND NUMERICAL DATA  
RELATED TO HEALTH OCCUPATIONS IN ONTARIO

GRAPH 6.A - Expenditures on Physicians in Ontario



GRAPH 6.B - Expenditures on Dentists in Ontario



Expenditures on Health Professional Services in Ontario - Summary - Current and Constant 1970/71 Dollars

| PROFESSIONAL SERVICES (1)<br>OF:                          | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           | PERCENTAGE CHANGE |         |         |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|---------|---------|
|   | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1975/76           | 1976/77 | 1970/71 |
|   |   |           |           |           |           |           |           |           | to                | to      | to      |
| CURRENT DOLLARS   |   |           |           |           |           |           |           |           |                   |         |         |
| Physicians  | 508,828                                 | 568,052   | 609,069   | 651,903   | 739,014   | 840,034   | 915,025   | 1,004,873 | 8.9               | 9.8     | 97      |
| Dentists  | 130,425                                 | 152,043   | 170,845   | 201,331   | 224,589   | 266,171   | 310,521   | 359,468   | 16.7              | 15.8    | 176     |
| Nurses  | 270,958                                 | 304,777   | 335,295   | 382,951   | 493,051   | 599,427   | 641,128   | 683,050   | 7.0               | 6.5     | 152     |
| Chiropractors, Optometrists,<br>Chiroprodists, Osteopaths | 33,416                                  | 37,403    | 41,429    | 46,543    | 53,653    | 62,480    | 70,277    | 75,490    | 12.5              | 7.4     | 126     |
| Total Health<br>Professional Services (2)                 | 936,321                                 | 1,053,954 | 1,147,204 | 1,271,529 | 1,495,111 | 1,750,103 | 1,916,876 | 2,101,338 | 9.5               | 9.6     | 124     |
| CONSTANT 1970/71<br>DOLLARS                               |   |           |           |           |           |           |           |           |                   |         |         |
| Physicians  | 508,828                                 | 553,118   | 562,910   | 548,740   | 532,431   | 551,565   | 551,220   | 564,535   | -0.1              | 2.4     | 11      |
| Dentists  | 130,425                                 | 148,046   | 157,897   | 169,471   | 161,808   | 174,768   | 187,061   | 201,948   | 7.0               | 8.0     | 55      |
| Nurses  | 270,958                                 | 296,764   | 309,884   | 322,349   | 355,224   | 393,583   | 386,222   | 383,736   | -1.9              | -0.6    | 42      |
| Chiropractors, Optometrists,<br>Chiroprodists, Osteopaths | 33,416                                  | 36,420    | 38,289    | 39,178    | 38,655    | 41,024    | 42,336    | 42,410    | 3.2               | 0.2     | 27      |
| Total Health<br>Professional Services (2)                 | 936,321                                 | 1,026,245 | 1,060,262 | 1,070,311 | 1,077,169 | 1,149,116 | 1,154,745 | 1,180,527 | 0.5               | 2.2     | 26      |

(1) Details on succeeding pages.

(2) Total is less nurses employed in offices of physicians and dentists (Table 6.7) to avoid overlap with the totals for physicians and dentists.

Table 6.1 Number of Physicians, Dentists and Other Health Professionals in Ontario

| OCCUPATION                               | N U M B E R |         |         |         |         |         |         | P E R C E N T A G E   C H A N G E |                          |
|--|-------------|---------|---------|---------|---------|---------|---------|-----------------------------------|--------------------------|
|  | 1970/71     | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1976/77<br>to<br>1977/78          | 1970/71<br>to<br>1977/78 |
|  |             |         |         |         |         |         |         |                                   |                          |
| NUMBER OF:                               |             |         |         |         |         |         |         |                                   |                          |
| Physicians                               |             |         |         |         |         |         |         |                                   |                          |
| Interns and Residents                    | 2,048       | 2,099   | 2,282   | 2,212   | 2,312   | 2,595   | 2,492   | -4.0                              | 29                       |
| Other                                    | 9,967       | 10,621  | 11,172  | 11,612  | 12,062  | 12,559  | 12,870  | 2.5                               | 33                       |
| Total Number of Physicians               | 12,015      | 12,720  | 13,454  | 13,824  | 14,374  | 15,154  | 15,362  | 1.4                               | 32                       |
| Dentists Including Active Part-time(1)   | 3,095       | 3,201   | 3,269   | 3,363   | 3,539   | 3,636   | 3,989   | 9.7                               | 36                       |
| Nurses (2)                               | 34,641      | 36,296  | 37,887  | 39,154  | 40,849  | 42,107  | 41,997  | -0.3                              | 23                       |
| Other Professionals                      |             |         |         |         |         |         |         |                                   |                          |
| Chiropractors                            | 541         | 570     | 600     | 634     | 673     | 706     | 732     | 3.7                               | 53                       |
| Optometrists                             | 476         | 467     | 470     | 479     | 496     | 530     | 542     | 2.3                               | 18                       |
| Chiropodists                             | 69          | 73      | 72      | 68      | 83      | 91      | 90      | -1.1                              | 29                       |
| Osteopaths                               | 61          | 60      | 57      | 55      | 48      | 46      | 43      | -6.5                              | -34                      |
| Total Number of Other Professionals      | 1,147       | 1,170   | 1,199   | 1,236   | 1,300   | 1,373   | 1,407   | 2.5                               | 33                       |
| NUMBER OF ONTARIO POPULATION PER SINGLE: |             |         |         |         |         |         |         |                                   |                          |
| Physician                                | 639         | 612     | 586     | 581     | 567     | 544     | 543     | -0.2                              | -17                      |
| Dentist(1)                               | 2,482       | 2,433   | 2,414   | 2,387   | 2,303   | 2,269   | 2,090   | -7.9                              | -20                      |
| Nurse                                    | 222         | 215     | 208     | 205     | 200     | 196     | 199     | 1.5                               | -11                      |
| Other Health Professional                | 6,698       | 6,656   | 6,581   | 6,496   | 6,269   | 6,009   | 5,927   | -1.4                              | -17                      |

(1) Information on full time equivalent dentists is not available, and consequently the data on number of population per single dentist is not fully comparable with the other professions; that is, the number of Ontario population per single full time dentist will be slightly higher. However, the trend within this category over time should not be affected.

(2) See Table 6.6. Total number represents full-time equivalents, not the actual number of nurses employed in nursing.



Table 6.2 Expenditures on Physicians, Dentists, and Other Health Professionals in Ontario

| OCCUPATION                                 | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           |                          |                          | PERCENTAGE CHANGE        |                          |
|--|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|  |   |           |           |           |           |           |           |           |                          |                          |                          |                          |
| Physicians                                 |   |           |           |           |           |           |           |           |                          |                          |                          |                          |
| Fee-For-Service Payments <sup>(1)</sup>    | 464,075                                 | 520,515   | 557,690   | 597,366   | 676,014   | 767,106   | 831,407   | 913,389   | 8.4                      | 9.9                      | 8.4                      | 9.7                      |
| Salaried Payments by: <sup>(2)</sup>       |   |           |           |           |           |           |           |           |                          |                          |                          |                          |
| Ontario Government                         | 6,919                                   | 6,881     | 8,305     | 8,622     | 9,758     | 9,459     | 10,883    | 11,484    | 15.1                     | 5.5                      | 15.1                     | 66                       |
| Local Governments                          | 1,123                                   | 1,274     | 1,419     | 1,568     | 1,750     | 1,987     | 2,147     | 2,493     | 8.1                      | 16.1                     | 8.1                      | 122                      |
| General Hospitals                          | 35,094                                  | 37,710    | 39,690    | 41,809    | 48,712    | 58,080    | 67,072    | 73,480    | 15.5                     | 9.6                      | 15.5                     | 109                      |
| Private Business                           | 1,617                                   | 1,672     | 1,965     | 2,538     | 2,780     | 3,401     | 3,516     | 4,027     | 3.4                      | 14.5                     | 3.4                      | 149                      |
| Total Salaried Physicians                  | 44,753                                  | 47,537    | 51,379    | 54,537    | 63,000    | 72,928    | 83,618    | 91,484    | 14.7                     | 9.4                      | 14.7                     | 104                      |
| All Physicians                             | 508,828                                 | 568,052   | 609,069   | 651,903   | 739,014   | 840,034   | 915,025   | 1,004,873 | 8.9                      | 9.8                      | 8.9                      | 97                       |
| Dentists                                   |   |           |           |           |           |           |           |           |                          |                          |                          |                          |
| Fee-For-Service Payments <sup>(1)</sup>    | 129,216                                 | 150,720   | 169,358   | 199,610   | 222,543   | 263,967   | 308,164   | 356,678   | 16.7                     | 15.7                     | 16.7                     | 176                      |
| Salaried Payments by:                      |   |           |           |           |           |           |           |           |                          |                          |                          |                          |
| Ontario Government                         | 575                                     | 604       | 686       | 781       | 814       | 732       | 738       | 872       | 0.8                      | 18.2                     | 0.8                      | 52                       |
| Local Governments                          | 634                                     | 719       | 801       | 940       | 1,232     | 1,472     | 1,619     | 1,918     | 10.0                     | 18.5                     | 10.0                     | 203                      |
| Total Salaried Dentists                    | 1,209                                   | 1,323     | 1,487     | 1,721     | 2,046     | 2,204     | 2,357     | 2,790     | 6.9                      | 18.4                     | 6.9                      | 131                      |
| All Dentists                               | 130,425                                 | 152,043   | 170,845   | 201,331   | 224,589   | 266,171   | 310,521   | 359,468   | 16.7                     | 15.8                     | 16.7                     | 176                      |
| Nurses <sup>(3)</sup>                      | 270,958                                 | 304,777   | 335,295   | 382,951   | 493,051   | 599,427   | 641,128   | 683,050   | 7.0                      | 6.5                      | 7.0                      | 152                      |
| Chiropractors <sup>(1)</sup>               | 15,441                                  | 17,949    | 20,800    | 24,196    | 28,475    | 33,662    | 39,277    | 43,356    | 16.7                     | 10.4                     | 16.7                     | 181                      |
| Optometrists <sup>(1)</sup>                | 14,402                                  | 15,598    | 16,560    | 18,159    | 20,217    | 23,167    | 25,091    | 26,144    | 8.3                      | 4.2                      | 8.3                      | 82                       |
| Chiropodists <sup>(1)</sup>                | 2,262                                   | 2,466     | 2,643     | 2,715     | 3,580     | 4,225     | 4,456     | 4,588     | 5.5                      | 3.0                      | 5.5                      | 103                      |
| Osteopaths <sup>(1)</sup>                  | 1,311                                   | 1,390     | 1,426     | 1,473     | 1,381     | 1,426     | 1,453     | 1,402     | 1.9                      | -3.5                     | 1.9                      | 7                        |
| TOTAL PROFESSIONAL SERVICES <sup>(4)</sup> | 936,321                                 | 1,053,954 | 1,147,204 | 1,271,529 | 1,495,111 | 1,750,103 | 1,916,876 | 2,101,338 | 9.5                      | 9.6                      | 9.5                      | 124                      |

(1) Includes office costs and overhead expenses such as rent, receptionist, nurses, equipment, etc.

(2) "General Hospitals" includes estimates for physicians on staff and for interns and residents. Physicians employed by private business are estimated to be 10% of private business on-the-job health expenditures (Table 4.5). No estimates available for salaried physicians working for the Federal Government.

(3) Includes fringe benefits.

(4) Total is less nurses employed in offices of physicians and dentists (Table 6.7) to avoid overlap with the totals for physicians and dentists.

## NOTE - USE DATA IN THIS TABLE WITH CAUTION

Table 6.3 Average Gross and Net Incomes For Selected Health Professionals in Ontario

| AVERAGE ANNUAL<br>INCOME OF:                          | EXPENDITURES<br>IN DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |
|---|----------------------------|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|
|   | 1970/71                    | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1970/71<br>to<br>1977/78 |
| Estimated Average Gross<br>Income of Non-Salaried (1) |                            |         |         |         |         |         |         |                   |                          |
| Physicians  | 58,806                     | 61,858  | 62,434  | 63,172  | 66,906  | 71,560  | 75,169  | 79,866            | 5.0                      |
| Dentists  | 44,938                     | 50,653  | 55,002  | 62,797  | 67,670  | 75,463  | 87,962  | 99,169            | 16.6                     |
| Chiropactors  | 38,201                     | 31,201  | 34,521  | 38,194  | 42,257  | 46,776  | 51,011  | 52,367            | 9.1                      |
| Optometrists  | 48,818                     | 53,090  | 56,370  | 60,653  | 65,214  | 69,934  | 70,066  | 74,427            | 6.2                      |
| Estimated Average Net<br>Income of Non-Salaried (2)   |                            |         |         |         |         |         |         |                   |                          |
| Physicians  | 39,586                     | 41,264  | 40,998  | 41,286  | 42,664  | 45,506  | 47,657  | 50,274            | 4.7                      |
| Dentists  | 23,652                     | 26,378  | 28,488  | 32,004  | 34,331  | 39,130  | 43,437  | 47,405            | 11.0                     |
| Chiropactors  | 15,511                     | 17,161  | 18,986  | 21,006  | 23,241  | 25,708  | 27,587  | 27,229            | 7.3                      |
| Optometrists  | 21,159                     | 22,732  | 24,422  | 26,237  | 28,186  | 30,251  | 31,802  | 31,923            | 5.1                      |
| Average Compensation (3)                              |                            |         |         |         |         |         |         |                   |                          |
| to Nurses   |                            |         |         |         |         |         |         |                   |                          |
| Salary  | 7,357                      | 7,872   | 8,257   | 9,085   | 11,147  | 13,086  | 13,906  | 14,535            | 6.3                      |
| Benefits  | 465                        | 525     | 593     | 696     | 923     | 1,150   | 1,360   | 1,482             | 18.3                     |
| Total Compensation                                    | 7,822                      | 8,397   | 8,850   | 9,781   | 12,070  | 14,236  | 15,266  | 16,017            | 7.2                      |
| Average Compensation (3)                              |                            |         |         |         |         |         |         |                   |                          |
| to Nursing Assistants                                 |                            |         |         |         |         |         |         |                   |                          |
| Salary  | 4,830                      | 5,363   | 6,024   | 7,092   | 8,763   | 10,531  | 11,538  | 12,431            | 9.8                      |
| Benefits  | 305                        | 358     | 433     | 543     | 726     | 925     | 1,131   | 1,268             | 22.3                     |
| Total Compensation                                    | 5,135                      | 5,721   | 6,457   | 7,635   | 9,489   | 11,456  | 12,669  | 13,699            | 10.8                     |
| Average Industrial (4)                                |                            |         |         |         |         |         |         |                   |                          |
| Composite Salary                                      | 7,284                      | 7,868   | 8,486   | 9,085   | 10,221  | 11,577  | 12,710  | 13,508            | 9.8                      |

- (1) Refers to gross income from professional fee practice and excludes other sources of earnings. Included are physicians who derive the majority of their income from private practice rather than from wages and salaries. Data developed by the Department of National Health and Welfare with adjustments to a March 31st fiscal year ending, and also adjustments to chiropractors and optometrists in estimating years prior to 1976. The gross for optometrists includes eyeglasses and can be affected by optometrists working on salary for other optometrists.
- (2) Refers to gross professional earnings less tax-deductible professional expenses, but before income taxes.
- (3) Data developed from number of hours worked in public general hospitals divided by 2,080 hours to represent one working year. Subsequently number of working years divided by total compensation paid yields an average salary (fringe benefits similarly). Since public general hospitals account for approximately 70% of all nurses employed in Ontario, it is highly probable that this average reflects the remaining portion of nurses.
- (4) The Composite figures would be more comparable to the other salaries or net income shown elsewhere in this table if adjusted upward by approximately 10% to account for benefits. Exact data on benefits for the industrial composite averages are not available.

Table 6.4 OHIP Fee-For-Service Claim Payments to Physicians and Dentists

| PAYMENTS<br>TO:                         | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Physicians (1)                          |   |         |         |         |         |         |         |                          |                          |
| General Practice                        | 175,040                                 | 192,513 | 208,006 | 218,829 | 257,049 | 288,949 | 312,444 | 357,362                  | 14.4                     |
| Pediatrics                              | 13,034                                  | 14,335  | 16,156  | 16,295  | 19,235  | 21,344  | 23,335  | 26,386                   | 13.1                     |
| Psychiatry                              | 13,479                                  | 17,024  | 18,616  | 19,351  | 23,400  | 27,078  | 30,124  | 34,522                   | 14.6                     |
| General Surgery                         | 30,274                                  | 33,297  | 37,734  | 37,848  | 41,808  | 44,054  | 46,492  | 49,685                   | 6.9                      |
| Orthopaedic Surgery                     | 10,626                                  | 11,687  | 12,534  | 13,284  | 15,413  | 18,420  | 19,415  | 21,257                   | 9.5                      |
| Neurosurgery                            | 2,811                                   | 3,091   | 2,560   | 3,514   | 3,029   | 3,213   | 3,363   | 3,753                    | 4.7                      |
| Thoracic Surgery                        | 1,327                                   | 1,460   | 1,646   | 1,659   | 1,803   | 2,091   | 2,278   | 2,748                    | 10.7                     |
| Plastic Surgery                         | 3,098                                   | 3,407   | 3,476   | 3,873   | 4,466   | 5,064   | 5,635   | 6,557                    | 11.3                     |
| Pathology                               | 17,324                                  | 19,053  | 16,492  | 21,658  | 27,391  | 38,575  | 35,689  | 32,960                   | 7.5                      |
| Anaesthesia                             | 16,533                                  | 18,183  | 20,405  | 20,669  | 23,513  | 25,475  | 27,374  | 30,798                   | 7.5                      |
| Obstetrics and<br>Gynaecology           | 24,429                                  | 26,867  | 29,949  | 30,540  | 33,903  | 36,678  | 38,960  | 42,399                   | 6.2                      |
| Internal Medicine                       | 36,502                                  | 40,146  | 43,831  | 45,634  | 54,038  | 62,098  | 69,979  | 81,872                   | 12.7                     |
| Urology                                 | 7,350                                   | 8,084   | 9,202   | 9,189   | 10,088  | 10,968  | 11,634  | 12,870                   | 10.6                     |
| Ophthalmology                           | 14,675                                  | 16,140  | 17,782  | 18,346  | 20,085  | 22,539  | 25,011  | 26,643                   | 11.0                     |
| Otolaryngology                          | 9,948                                   | 10,942  | 11,828  | 12,437  | 14,753  | 15,358  | 16,471  | 18,215                   | 7.2                      |
| Dermatology                             | 5,412                                   | 5,952   | 6,782   | 6,766   | 7,847   | 8,969   | 9,612   | 11,042                   | 10.6                     |
| Neurology                               | 2,573                                   | 2,830   | 3,034   | 3,217   | 4,118   | 4,691   | 5,589   | 6,502                    | 16.3                     |
| Diagnostic Radiology                    | 31,976                                  | 35,168  | 37,204  | 39,975  | 47,848  | 54,897  | 60,175  | 66,838                   | 11.1                     |
| Radiation Oncology                      | 394                                     | 433     | 430     | 492     | 615     | 768     | 1,596   | 1,063                    | - 33.4                   |
| Physical Medicine and<br>Rehabilitation | 1,040                                   | 1,144   | 1,188   | 1,300   | 1,742   | 1,764   | 1,918   | 2,236                    | 16.6                     |
| Total Physicians                        | 419,845                                 | 461,756 | 498,873 | 524,876 | 612,144 | 692,993 | 747,094 | 835,708                  | 11.9                     |
| Dentists (1)                            |   |         |         |         |         |         |         |                          |                          |
| Dental Surgery                          | 2,051                                   | 2,256   | 2,697   | 2,564   | 2,558   | 2,396   | 892     | 490                      | - 62.8                   |
| Oral Surgeons                           | 2,581                                   | 2,839   | 2,970   | 3,227   | 3,512   | 4,037   | 3,307   | 3,438                    | 4.0                      |
| Total Dentists                          | 4,632                                   | 5,095   | 5,667   | 5,791   | 6,070   | 6,433   | 4,199   | 3,928                    | - 34.7                   |
|   |   |         |         |         |         |         |         |                          | - 6.5                    |
|   |   |         |         |         |         |         |         |                          | - 15                     |

(1) Data refers only to income received from OHIP by physicians or dentists. Also the data does not aggregate to the total for medical and dental services shown in table 2.2, where the totals are larger to incorporate special payment arrangements to physicians and dentists.

Table 6.5 Expenditures on Hospital Nurses and Nursing Staff By Type of Hospital in Ontario

| TYPE OF HOSPITAL (1)                  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|---------------------------------------|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|                                       | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1970/71<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|                                       |   |         |         |         |         |         |         |                   |                          |                          |
| <b>NURSES—GRADUATE AND UP</b>         |   |         |         |         |         |         |         |                   |                          |                          |
| Salaried Payments                     |   |         |         |         |         |         |         |                   |                          |                          |
| Federal                               | 2,781                                   | 3,070   | 3,303   | 3,561   | 4,782   | 5,418   | 6,216   | 4,651             | 14.7                     | - 25.2                   |
| Public General                        | 186,059                                 | 208,155 | 227,180 | 255,034 | 322,694 | 384,464 | 401,588 | 429,528           | 4.5                      | 7.0                      |
| Public Mental                         | 15,773                                  | 17,901  | 19,140  | 22,040  | 25,181  | 29,928  | 33,708  | 34,826            | 12.6                     | 3.3                      |
| Private                               | 1,699                                   | 1,692   | 1,734   | 1,980   | 2,207   | 2,529   | 2,100   | 1,773             | - 9.8                    | - 15.6                   |
| Total Salaries for Nurses             | 206,312                                 | 230,818 | 251,357 | 282,615 | 354,864 | 422,119 | 443,612 | 470,778           | 5.1                      | 6.1                      |
| Benefits                              |   |         |         |         |         |         |         |                   |                          |                          |
| Federal                               | 176                                     | 205     | 237     | 273     | 396     | 476     | 608     | 474               | 27.7                     | - 22.0                   |
| Public General                        | 11,756                                  | 13,887  | 16,321  | 19,525  | 26,725  | 33,786  | 39,281  | 43,796            | 16.3                     | 11.5                     |
| Public Mental                         | 997                                     | 1,194   | 1,375   | 1,688   | 2,085   | 2,630   | 3,297   | 3,551             | 25.4                     | 7.7                      |
| Private                               | 107                                     | 113     | 125     | 152     | 183     | 205     | 205     | 181               | 0.0                      | - 11.7                   |
| Total Benefits for Nurses             | 13,036                                  | 15,399  | 18,058  | 21,638  | 29,389  | 37,097  | 43,391  | 48,002            | 17.0                     | 10.6                     |
| Average Salaries                      | 7,357                                   | 7,872   | 8,257   | 9,085   | 11,147  | 13,086  | 13,906  | 14,535            | 6.3                      | 4.5                      |
| Average Fringe Benefits               | 0,465                                   | 0,525   | 0,593   | 0,696   | 0,923   | 1,150   | 1,360   | 1,482             | 18.3                     | 9.0                      |
| <b>QUALIFIED NURSING ASSISTANTS</b>   |   |         |         |         |         |         |         |                   |                          |                          |
| Salaried Payments                     |   |         |         |         |         |         |         |                   |                          |                          |
| Federal                               | 372                                     | 515     | 633     | 1,014   | 1,209   | 2,401   | 1,248   | 994               | - 68.0                   | - 20.4                   |
| Public General                        | 46,666                                  | 54,629  | 63,205  | 74,520  | 93,985  | 112,971 | 124,496 | 136,286           | 10.2                     | 9.5                      |
| Public Mental                         | 11,858                                  | 15,011  | 18,939  | 19,425  | 22,959  | 24,811  | 25,492  | 25,492            | 3.5                      | 11.0                     |
| Private                               | 560                                     | 568     | 536     | 645     | 754     | 853     | 936     | 870               | 9.7                      | - 7.1                    |
| Total Salaries for Nursing Assistants | 59,456                                  | 70,723  | 83,313  | 95,604  | 118,907 | 141,036 | 152,350 | 166,642           | 8.0                      | 9.4                      |
| Benefits                              |   |         |         |         |         |         |         |                   |                          |                          |
| Federal                               | 23                                      | 34      | 45      | 78      | 100     | 211     | 122     | 101               | - 42.2                   | - 17.2                   |
| Public General                        | 2,948                                   | 3,645   | 4,541   | 5,705   | 7,784   | 9,928   | 12,177  | 13,896            | 22.7                     | 14.1                     |
| Public Mental                         | 749                                     | 1,002   | 1,361   | 1,487   | 1,902   | 2,179   | 2,512   | 2,906             | 15.3                     | 15.7                     |
| Private                               | 35                                      | 38      | 39      | 49      | 62      | 75      | 92      | 89                | 22.7                     | - 3.3                    |
| Total Benefits for Nursing Assistants | 3,755                                   | 4,719   | 5,986   | 7,319   | 9,848   | 12,393  | 16,903  | 16,992            | 20.3                     | 4.0                      |
| <b>Total</b>                          |   |         |         |         |         |         |         |                   |                          |                          |
| Total Salaries for Nurses             | 206,312                                 | 230,818 | 251,357 | 282,615 | 354,864 | 422,119 | 443,612 | 470,778           | 5.1                      | 6.1                      |
| Total Salaries for Nursing Assistants | 59,456                                  | 70,723  | 83,313  | 95,604  | 118,907 | 141,036 | 152,350 | 166,642           | 8.0                      | 9.4                      |
| Total Benefits for Nurses             | 13,036                                  | 15,399  | 18,058  | 21,638  | 29,389  | 37,097  | 43,391  | 48,002            | 17.0                     | 10.6                     |
| Total Benefits for Nursing Assistants | 3,755                                   | 4,719   | 5,986   | 7,319   | 9,848   | 12,393  | 16,903  | 16,992            | 20.3                     | 4.0                      |
| Total Expenditures                    | 282,559                                 | 321,950 | 352,663 | 406,166 | 503,128 | 582,562 | 613,355 | 635,412           | 10.0                     | 6.0                      |

Table 6.5 - Continued - Expenditures on Hospital Nurses and Nursing Staff By Type of Hospital in Ontario

| TYPE OF HOSPITAL (1)                      | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |         |
|---|---|---------|---------|---------|---------|---------|---------|-------------------|---------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1978/79 |
|   |   |         |         |         |         |         |         |                   |         |
| ORDERLIES AND OTHER<br>NURSING STAFF      |   |         |         |         |         |         |         |                   |         |
| Salaried Payments                         |   |         |         |         |         |         |         |                   |         |
| Federal                                   | 2,198                                   | 2,746   | 3,090   | 3,085   | 3,716   | 3,949   | 5,548   | 4,425             | 101     |
| Public General                            | 61,533                                  | 66,419  | 69,523  | 76,422  | 97,002  | 114,563 | 113,183 | 117,931           | 92      |
| Public Mental                             | 25,044                                  | 26,783  | 25,048  | 37,105  | 46,190  | 52,739  | 65,638  | 71,217            | 184     |
| Private                                   | 821                                     | 933     | 1,114   | 1,511   | 1,709   | 1,790   | 1,722   | 1,653             | 101     |
| Total Salaries for<br>Other Nursing Staff | 89,596                                  | 96,881  | 98,775  | 118,123 | 148,617 | 173,041 | 186,091 | 195,226           | 118     |
| Benefits                                  |   |         |         |         |         |         |         |                   |         |
| Federal                                   | 139                                     | 183     | 222     | 236     | 308     | 347     | 543     | 451               | 224     |
| Public General                            | 3,888                                   | 4,431   | 4,995   | 5,850   | 8,033   | 10,068  | 11,071  | 12,025            | 209     |
| Public Mental                             | 1,581                                   | 1,788   | 1,800   | 2,841   | 3,827   | 4,632   | 6,423   | 7,264             | 359     |
| Private                                   | 52                                      | 62      | 80      | 116     | 142     | 157     | 169     | 169               | 225     |
| Total Benefits for<br>Other Nursing Staff | 5,660                                   | 6,464   | 7,097   | 9,043   | 12,310  | 15,204  | 18,206  | 19,909            | 252     |
| Average Salaries                          | 4,830                                   | 5,363   | 6,024   | 7,092   | 8,763   | 10,531  | 11,558  | 12,431            | 157     |
| Average Fringe Benefits                   | 0,305                                   | 0,358   | 0,433   | 0,543   | 0,726   | 0,925   | 1,131   | 1,268             | 316     |

(1) Number of hours worked for nurses, nursing assistants, and other nurses in public general hospitals is divided by 2,080 hours (1 work year) for each category to determine the number of full time equivalent staff. With total compensation for nurses, and other nursing staff known, an average salary (similarly for fringe benefits) is determined for nurses, and for other nursing staff. Other nursing staff is separated into two categories, namely nursing assistants, and others; their average salaries are close enough over the years to be considered similar. Subsequently, number of nursing staff by category shown for federal, mental, and private hospitals is developed from existing sources by considering two part-time employees as equivalent to one full-time. These numbers of staff are multiplied by the average salary (i.e. also for benefits) to develop cost figures. The assumption is that general hospitals, with about 90% of all hospital nursing staff, reflect salaries for nurses in other hospitals, and in fact, reflect salaries for all nurses in Ontario including those outside hospitals.

Table 6.6 Number of Full-Time-Equivalent Nurses and Nursing Assistants by Type of Employer - Ontario

| TYPE OF EMPLOYER   | N U M B E R   |               |               |               |               |               |               | PERCENTAGE CHANGE  |                    |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------------|--------------------|
|  | 1970/71       | 1971/72       | 1972/73       | 1973/74       | 1974/75       | 1975/76       | 1976/77       | 1976/77 to 1977/78 | 1977/78 to 1978/79 |
| <b>NURSES (1)</b>  |               |               |               |               |               |               |               |                    |                    |
| Hospitals  | 28,043        | 29,322        | 30,443        | 31,108        | 31,835        | 32,258        | 31,901        | 32,389             | 15                 |
| Nursing Homes and Homes for the Aged                           | 1,164         | 1,277         | 1,547         | 1,789         | 1,930         | 2,143         | 2,317         | 2,490              | 114                |
| Public Health Including Community and Visiting                 | 2,243         | 2,372         | 2,489         | 2,469         | 2,462         | 2,465         | 2,702         | 2,745              | 22                 |
| Physicians'/Dentists' Offices                                  | 934           | 991           | 1,066         | 1,145         | 1,259         | 1,265         | 1,315         | 1,345              | 44                 |
| Educational Institutions                                       | 1,044         | 1,071         | 1,056         | 1,210         | 1,425         | 1,416         | 1,478         | 1,405              | 35                 |
| Occupational   | 658           | 694           | 737           | 777           | 773           | 689           | 692           | 844                | 28                 |
| Private Practice   | 484           | 505           | 508           | 504           | 502           | 488           | 444           | 419                | 13                 |
| Other  | 71            | 64            | 41            | 152           | 663           | 1,373         | 1,148         | 1,008              | ***                |
| <b>TOTAL NUMBER OF FULL-TIME-EQUIVALENT NURSES</b>             | <b>34,641</b> | <b>36,296</b> | <b>37,887</b> | <b>39,154</b> | <b>40,849</b> | <b>42,107</b> | <b>41,997</b> | <b>42,645</b>      | <b>23</b>          |
| <b>NURSING ASSISTANTS (1)</b>                                  |               |               |               |               |               |               |               |                    |                    |
| Hospitals  | 12,270        | 13,187        | 13,831        | 13,481        | 13,569        | 13,392        | 13,182        | 13,405             | 9                  |
| Nursing Homes and Homes for the Aged                           | 1,175         | 1,237         | 1,302         | 1,332         | 1,295         | 1,439         | 1,657         | 1,783              | 52                 |
| Public Health Including Community and Visiting                 | 143           | 150           | 158           | 178           | 221           | 213           | 212           | 301                | 110                |
| Physicians'/Dentists' Offices                                  | 198           | 208           | 218           | 221           | 202           | 214           | 249           | 253                | 28                 |
| Other  | 204           | 214           | 225           | 252           | 284           | 299           | 533           | 538                | 164                |
| <b>TOTAL NUMBER OF FULL-TIME-EQUIVALENT NURSING ASSISTANTS</b> | <b>13,990</b> | <b>14,996</b> | <b>15,734</b> | <b>15,464</b> | <b>15,571</b> | <b>15,557</b> | <b>15,833</b> | <b>16,280</b>      | <b>16</b>          |

(1) Number of nurses and nursing assistants in hospitals determined as outlined in footnote (1) of Table 6.5. Numbers of full-time nurses and nursing assistants by other employers is based on annual registration data for Registered Nurses and Nursing Assistants, as compiled by the Policy Development and Research Branch of the Ministry of Health. Consequently, nurses and nursing assistants not registered with the College of Nurses will not be included in information covering non-hospital nurses. Also, nurses and nursing assistants not responding by type of employer are excluded. Full-time-equivalents are determined for non-hospital nurses and nursing assistants by considering two regular part-time, or five casual/seasonal, to be equivalent to one full-time for available 1978 data. Data for prior years is developed using the ratio of full-time to total registered (i.e. from 1978 data) for each category. This ratio is applied to the known totals of all registrations in previous years for each category to determine the number of full-time equivalents for each category.

Table 6.7 Expenditures on Full-Time-Equivalent Nurses and Nursing Assistants by Type of Employer - Ontario

| TYPE OF EMPLOYER   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| NURSES (1)   |   |         |         |         |         |         |         |         |                          |                          |
|  | 219,348                                 | 246,217 | 269,415 | 304,253 | 384,253 | 459,216 | 487,003 | 518,780 | 6.1                      | 6.5                      |
|  | 9,105                                   | 10,723  | 13,691  | 17,498  | 23,295  | 30,508  | 35,371  | 39,882  | 15.9                     | 12.8                     |
|  | 17,545                                  | 19,918  | 22,028  | 24,149  | 29,716  | 35,092  | 41,249  | 43,967  | 17.5                     | 6.6                      |
|  | 7,306                                   | 8,321   | 9,434   | 11,199  | 15,196  | 18,009  | 20,075  | 21,543  | 11.5                     | 7.3                      |
|  | 8,166                                   | 8,993   | 9,346   | 11,835  | 17,200  | 20,158  | 22,563  | 22,504  | 11.9                     | - 0.3                    |
|  | 5,147                                   | 5,828   | 6,522   | 7,600   | 9,330   | 9,951   | 10,564  | 13,518  | 6.2                      | 28.0                     |
|  | 3,786                                   | 4,240   | 4,496   | 4,930   | 6,059   | 6,947   | 6,778   | 6,711   | - 2.4                    | - 1.0                    |
|  | 555                                     | 537     | 363     | 1,487   | 8,002   | 19,546  | 17,525  | 16,145  | - 10.3                   | - 7.8                    |
|  | ...                                     |         |         |         |         |         |         |         |                          |                          |
| TOTAL EXPENDITURES ON<br>NURSES - INCLUDING<br>SALARIES AND BENEFITS       | 270,958                                 | 304,777 | 335,295 | 382,951 | 493,051 | 599,427 | 641,128 | 683,050 | 7.0                      | 6.5                      |
| NURSING ASSISTANTS   |   |         |         |         |         |         |         |         |                          |                          |
|  | 63,211                                  | 75,442  | 89,299  | 102,923 | 128,755 | 153,429 | 167,253 | 183,634 | 9.0                      | 9.8                      |
|  | 6,034                                   | 7,077   | 8,407   | 10,170  | 12,288  | 16,485  | 21,026  | 24,425  | 27.5                     | 16.2                     |
|  | 734                                     | 858     | 1,020   | 1,359   | 2,097   | 2,440   | 2,690   | 4,123   | 10.2                     | 53.3                     |
|  | 1,017                                   | 1,190   | 1,408   | 1,687   | 1,917   | 2,452   | 3,160   | 3,466   | 28.9                     | 9.7                      |
|  | 1,048                                   | 1,224   | 1,453   | 1,924   | 2,695   | 3,425   | 6,763   | 7,370   | 97.5                     | 9.0                      |
|  | ...                                     |         |         |         |         |         |         |         |                          |                          |
| TOTAL EXPENDITURES ON<br>NURSING ASSISTANTS INCL.<br>SALARIES AND BENEFITS | 72,044                                  | 85,791  | 101,587 | 118,063 | 147,752 | 178,231 | 200,892 | 223,018 | 12.7                     | 11.0                     |
| 210  |   |         |         |         |         |         |         |         |                          |                          |

(1) Expenditures based on total number of full-time-equivalent nurses and nursing assistants (Table 6.6) times the estimated average salaries including fringe benefits. For average salaries and fringe benefits, see Table 6.5, and note footnote (1) for Table 6.5.



Table 6.3 Expenditures by Ontario Government Ministries on Selected Health Personnel

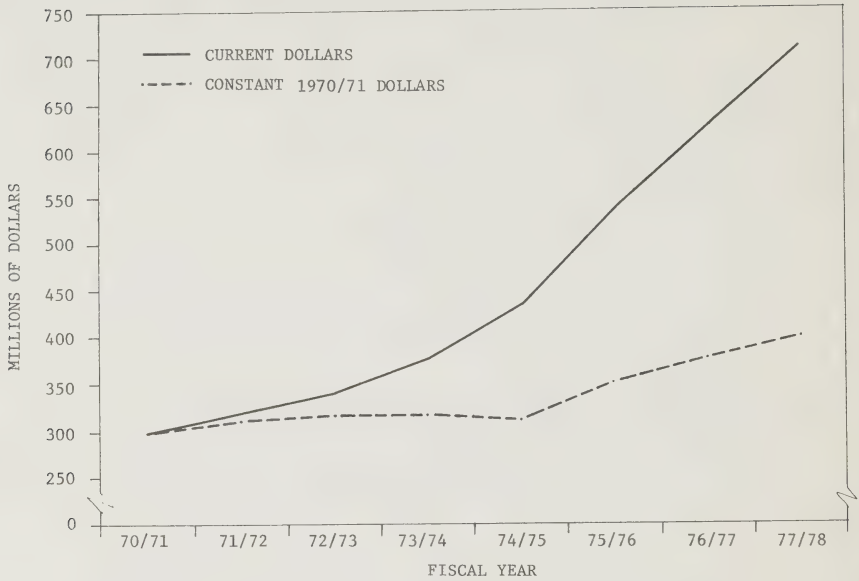
| ALL MINISTRIES (1)  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE |                          |                          |
|---|---|---------|---------|---------|---------|---------|---------|-------------------|--------------------------|--------------------------|
|   |   |         |         |         |         |         |         |                   |                          |                          |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78           | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Nurses  |   |         |         |         |         |         |         |                   |                          |                          |
| Public Health   | 430                                     | 585     | 726     | 611     | 888     | 1,070   | 1,241   | 1,485             | 16.0                     | 19.7                     |
| General and Clinic  | 12,016                                  | 13,713  | 15,263  | 17,109  | 21,477  | 23,004  | 28,583  | 30,725            | 24.3                     | 7.5                      |
| Education and Special<br>Schools                                    | 2,096                                   | 2,123   | 2,259   | 2,192   | 2,279   | 1,563   | 2,106   | 2,478             | 34.7                     | 17.7                     |
| Total Nurses  | 14,542                                  | 16,421  | 18,248  | 19,912  | 24,644  | 25,637  | 31,930  | 34,688            | 24.5                     | 8.6                      |
| Physicians  | 6,919                                   | 6,881   | 8,305   | 8,622   | 9,758   | 9,459   | 10,883  | 11,484            | 15.1                     | 5.5                      |
| Dentists  | 1,575                                   | 604     | 686     | 781     | 814     | 732     | 738     | 872               | 0.8                      | 18.2                     |
| Psychologists   | 1,195                                   | 1,615   | 2,051   | 2,425   | 3,242   | 3,410   | 4,220   | 4,316             | 23.8                     | 2.3                      |
| Psychometrists  | 1,247                                   | 1,383   | 1,640   | 2,064   | 2,286   | 2,104   | 2,599   | 2,923             | 23.5                     | 12.5                     |
| Pharmacy Related  | 269                                     | 303     | 682     | 810     | 1,102   | 1,080   | 1,442   | 1,465             | 33.5                     | 1.6                      |
| Occupational Therapy<br>and Rehabilitation                          | 1,175                                   | 1,306   | 1,606   | 1,856   | 2,024   | 1,192   | 2,531   | 2,976             | 112.3                    | 17.6                     |
| Medical Laboratory<br>Technicians                                   | 2,806                                   | 2,971   | 3,592   | 4,103   | 5,386   | 5,605   | 6,825   | 7,348             | 21.8                     | 7.7                      |
| Medical and Nursing<br>Assistants, Hospital<br>Attendants and Aides | 27,932                                  | 27,865  | 26,316  | 26,367  | 29,200  | 24,918  | 26,093  | 24,657            | 4.7                      | - 5.5                    |
|   |   |         |         |         |         |         |         |                   |                          | - 12                     |

(1) That is, salaries paid.

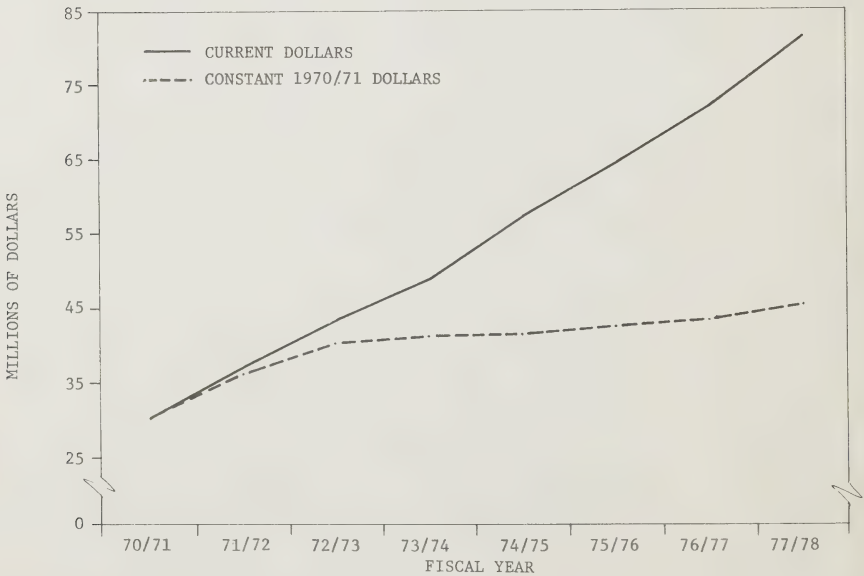


SECTION 7 - EXPENDITURES ON DRUGS AND  
OTHER HEALTH ITEMS IN ONTARIO

GRAPH 7.A - Expenditures on Drugs in Ontario



GRAPH 7.B - Expenditures on Prosthetic Appliances  
Including Eyeglasses and Hearing Aids in Ontario



## SECTION 7

Expenditures on Drugs and Other Health Items in Ontario - Summary - Current and Constant 1970/71 Dollars

| HEALTH ITEM (1)   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |                          |
|---|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| CURRENT DOLLARS   |   |         |         |         |         |         |         |                          |                          |                          |
| Drugs   | 299,725                                 | 320,119 | 342,996 | 376,435 | 432,323 | 535,147 | 623,835 | 16.6                     | 14.0                     | 137                      |
| Drug Sundries, First-Aid Kits and Sick-Room Supplies        | 66,390                                  | 70,869  | 75,042  | 80,961  | 91,026  | 101,989 | 108,174 | 6.1                      | 9.8                      | 79                       |
| Prosthetic Appliances Including Eyeglasses and Hearing Aids | 30,495                                  | 37,672  | 43,907  | 49,000  | 57,259  | 64,575  | 73,392  | 12.1                     | 12.5                     | 167                      |
| CONSTANT 1970/71 DOLLARS                                    |   |         |         |         |         |         |         |                          |                          |                          |
| Drugs   | 299,725                                 | 311,703 | 317,002 | 316,864 | 311,472 | 351,377 | 375,804 | 7.0                      | 6.3                      | 33                       |
| Drug Sundries, First-Aid Kits and Sick-Room Supplies        | 66,390                                  | 69,006  | 69,355  | 68,149  | 65,581  | 66,966  | 65,165  | - 2.7                    | 2.4                      | 1                        |
| Prosthetic Appliances Including Eyeglasses and Hearing Aids | 30,495                                  | 36,682  | 40,579  | 41,246  | 41,253  | 42,400  | 43,610  | 2.9                      | 4.9                      | 50                       |

(1) Details on succeeding tables 7.1 to 7.3.

Table 7.1 Expenditures on Drugs in Ontario

| TYPE OF DISTRIBUTION                        | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|---|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|   |   |         |         |         |         |         |         |         | 1976/77<br>to<br>1977/78 | 1977/78<br>to<br>1977/78 |
| Distributed Through Government Pharmacy (1) |   |         |         |         |         |         |         |         |                          |                          |
| To:   |   |         |         |         |         |         |         |         |                          |                          |
| Ministry of Health                          | 2,692                                   | 2,726   | 2,700   | 3,319   | 3,776   | 5,711   | 6,924   | 7,325   | 21.2                     | 5.8                      |
| Other Ministries                            | 50                                      | 93      | 268     | 323     | 599     | 615     | 764     | 863     | 24.2                     | 13.0                     |
| General Hospitals                           | ..                                      | 2       | 6       | 21      | 46      | 78      | 102     | 90      | 30.8                     | 11.8                     |
| Total Gov't. Pharmacy                       | 2,742                                   | 2,821   | 2,974   | 3,663   | 4,421   | 6,404   | 7,790   | 8,278   | 21.6                     | 6.3                      |
| Distributed Through Hospitals:              |   |         |         |         |         |         |         |         |                          |                          |
| Public General                              | 24,841                                  | 26,536  | 28,531  | 30,998  | 35,457  | 41,399  | 46,046  | 51,415  | 11.2                     | 11.7                     |
| Public Mental                               | 1,782                                   | 1,653   | 1,763   | 1,812   | 1,880   | 2,113   | 2,089   | 2,273   | -1.1                     | 8.8                      |
| Private Active                              |   |         |         |         |         |         |         |         |                          |                          |
| Treatment (2)                               | 68                                      | 69      | 72      | 83      | 85      | 100     | 75      | 88      | -25.0                    | 17.3                     |
| Private Chronic (care (2)                   | 129                                     | 135     | 147     | 173     | 191     | 204     | 230     | 258     | 12.7                     | 12.2                     |
| Private Mental (3)                          | 78                                      | 70      | 82      | 99      | 109     | 123     | 61      | 63      | -50.4                    | 19                       |
| Federal                                     | 283                                     | 273     | 195     | 290     | 324     | 335     | 400     | 200     | 12.7                     | -29                      |
| Total Hospitals                             | 27,181                                  | 28,736  | 30,790  | 33,455  | 38,046  | 44,294  | 48,901  | 54,297  | 10.4                     | 11.0                     |
| Retail Outlets:                             |   |         |         |         |         |         |         |         |                          |                          |
| Prescribed                                  | 139,886                                 | 149,857 | 160,843 | 176,833 | 203,205 | 232,045 | 295,985 | 338,512 | 17.4                     | 14.4                     |
| Non-Prescribed                              | 129,916                                 | 138,705 | 148,389 | 162,484 | 186,651 | 232,404 | 271,159 | 310,119 | 16.7                     | 14.4                     |
| Total Retail Outlets                        | 269,802                                 | 288,562 | 309,232 | 339,317 | 389,856 | 484,449 | 567,144 | 648,631 | 17.1                     | 14.4                     |
| TOTAL DRUGS (4)                             | 299,725                                 | 320,119 | 342,996 | 376,435 | 432,323 | 535,147 | 623,835 | 711,206 | 16.6                     | 14.0                     |

- (1) That is, the central purchasing agent for Ontario Government Ministries.
- (2) Using a ratio of drug expenditures in public general hospitals to total expenditures, and applying this ratio to determine the drug component of the total cost of private hospitals.
- (3) Similar to footnote # (2), but using public mental hospitals for the ratio.
- (4) Excludes costs to doctors, dentists, or others not specified in this table who may purchase directly from drug companies. Also drug companies, as part of promotion, sometimes provide drugs to hospitals and doctors at very low cost. Hospitals only rarely buy at retail, and overlap should be insignificant. Nursing homes and Homes for the Aged usually buy at retail outlets.

Table 7.2 Expenditures on Drug Sundries, First-Aid Kits, and Sick Room Supplies in Ontario

| TYPE OF DISTRIBUTION   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |                          |                          | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|  |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Distributed Through (1)<br>Hospitals:                            |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Public General   | 26,370                                  | 29,698  | 32,851  | 37,346  | 45,987  | 55,401  | 60,110  | 69,389  | 8.5                      | 15.4                     | 163                      |                          |
| Public Mental  | 408                                     | 372     | 399     | 389     | 492     | 548     | 696     | 854     | 27.0                     | 22.7                     | 109                      |                          |
| Private Active (2)   |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Treatment  | 72                                      | 78      | 83      | 101     | 111     | 134     | 98      | 119     | -26.9                    | 21.4                     | 65                       |                          |
| Private Chronic (2)  |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
| Care   | 137                                     | 151     | 170     | 208     | 248     | 273     | 300     | 348     | 9.9                      | 16.0                     | 154                      |                          |
| Private Mental (3)   | 18                                      | 16      | 19      | 21      | 28      | 32      | 20      | 24      | -37.5                    | 20.0                     | 33                       |                          |
| Federal  | 360                                     | 440     | 288     | 515     | 597     | 824     | 924     | 783     | 12.1                     | -15.3                    | 118                      |                          |
| Total Hospitals  | 27,365                                  | 30,755  | 33,810  | 38,580  | 47,463  | 57,212  | 62,148  | 71,517  | 8.6                      | 15.1                     | 161                      |                          |
| Distributed Through (4)<br>Retail Outlets                        |   |         |         |         |         |         |         |         |                          |                          |                          |                          |
|  | 39,025                                  | 40,114  | 41,232  | 42,381  | 43,563  | 44,777  | 46,026  | 47,310  | 2.8                      | 2.8                      | 21                       |                          |
| TOTAL DRUG SUNDRIES,<br>FIRST-AID KITS AND<br>SICK ROOM SUPPLIES | 66,390                                  | 70,869  | 75,042  | 80,961  | 91,026  | 101,989 | 108,174 | 118,827 | 6.1                      | 9.8                      | 79                       |                          |

(1) The phrase 'medical and surgical supplies' from hospital data is assumed equivalent to the term 'drug sundries, first-aid kits, and sick room supplies' which is the description used in retail commodity surveys. There will be small but insignificant overlap between hospitals and retail outlets, since hospitals normally purchase directly from the manufacturers.

(2) Using a ratio of medical and surgical supplies in public general hospitals to total expenditures, and applying this ratio to determine medical and surgical supplies as a component of the total cost of private hospitals.

(3) Similar to (2) but using public mental hospitals for the ratio.

(4) Based on the 1968 and 1974 retail commodity surveys with data interpolated by using these two points to define a straight line. Accuracy cannot be guaranteed since the whole data series is based on these two years. Also note that data within these two surveys is subject to the vagaries of the definitions used by different retail establishments in reporting the contents of this category.

Table 7.3 Expenditures on Prosthetic Appliances Including Eyeglasses and Hearing Aids in Ontario

| HEALTH ITEM (1)  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
| Eyeglasses (Incl.<br>Contact Lenses)<br>Supplied by:                   |   |         |         |         |         |         |         |                          |                          |
| Optometrists   | 8,640                                   | 9,195   | 9,934   | 10,894  | 12,129  | 13,398  | 15,053  | 8.3                      | 82                       |
| Opticians  | 14,009                                  | 19,387  | 23,678  | 26,430  | 30,413  | 34,464  | 39,635  | 15.0                     | 224                      |
| Total Eyeglasses   | 22,649                                  | 28,582  | 33,612  | 37,324  | 42,542  | 48,362  | 54,688  | 13.1                     | 170                      |
| Hearing Aids (2)   | 3,130                                   | 3,248   | 3,440   | 3,618   | 4,190   | 4,664   | 4,627   | - 0.8                    | 80                       |
| Prosthetic Appliances (3)  | 4,716                                   | 5,842   | 6,855   | 8,038   | 10,527  | 11,549  | 13,077  | 13.2                     | 211                      |
| TOTAL PROSTHETIC APPLIANCES<br>INCLUDING EYEGASSES<br>AND HEARING AIDS | 30,495                                  | 37,672  | 43,907  | 49,000  | 57,259  | 64,575  | 72,392  | 12.1                     | 167                      |

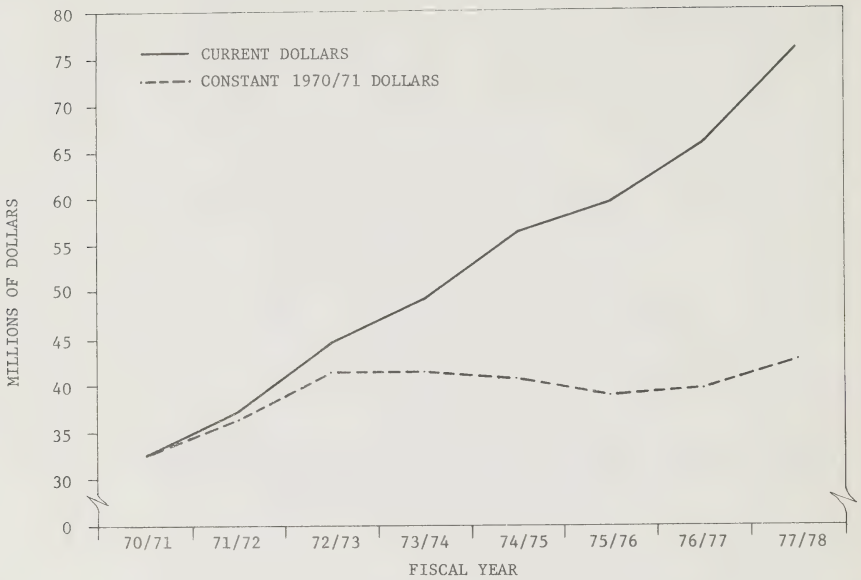
(1) All data in this table is based on information supplied by the Department of National Health and Welfare.

(2) Ontario data developed for 1975/76 to 1977/78. Data for these years are approximately 32% of the Canadian total. Hence, prior years are estimated to be 32% of the Canadian totals.

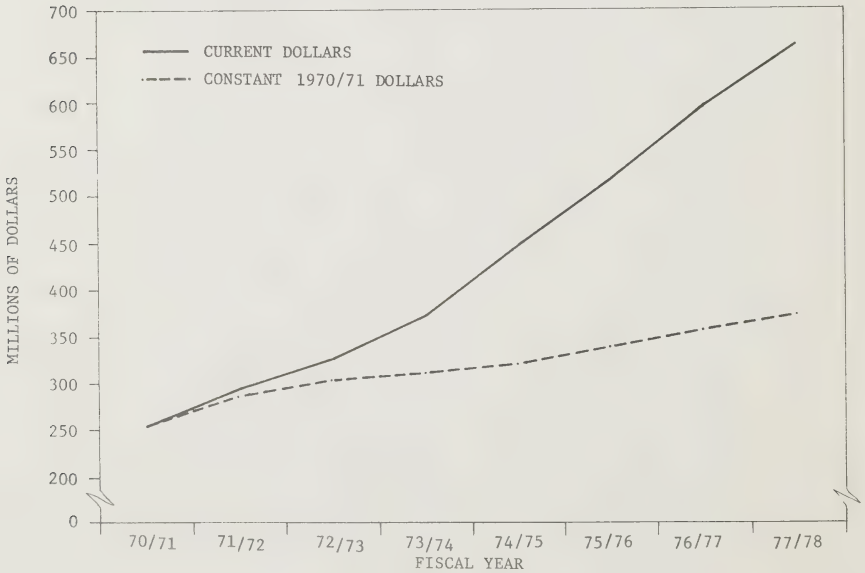
(3) The totals shown are 36%, (i.e. population share) of the corresponding Canadian totals.

SECTION 8 - SELECTED CATEGORIES OF HEALTH  
EXPENDITURES IN ONTARIO

GRAPH 8.A - Medical Research Expenditures in Ontario



GRAPH 8.B - Mental Health Expenditures in Ontario





## SECTION 8

Selected Categories of Health Expenditures in Ontario - Summary - Current and Constant 1970/71 Dollars

| GENERAL AREA (1)                           | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|  |   |         |         |         |         |         |         |         |                          |                          |
| CURRENT DOLLARS                            |   |         |         |         |         |         |         |         |                          |                          |
| Medical Research<br>Expenditures - Ontario | 32,510                                  | 37,289  | 44,646  | 49,040  | 56,315  | 59,272  | 65,647  | 75,800  | 10.8                     | 15.5                     |
| Mental Health<br>Expenditures - Ontario    | 253,928                                 | 294,409 | 326,937 | 370,562 | 445,892 | 516,794 | 595,504 | 662,985 | 15.2                     | 11.3                     |
| CONSTANT 1970/71<br>DOLLARS                |   |         |         |         |         |         |         |         |                          |                          |
| Medical Research<br>Expenditures - Ontario | 32,510                                  | 36,309  | 41,262  | 41,279  | 40,573  | 38,918  | 39,546  | 42,584  | 1.6                      | 7.7                      |
| Mental Health<br>Expenditures - Ontario    | 253,928                                 | 286,669 | 302,160 | 311,921 | 321,248 | 339,326 | 358,737 | 372,463 | 5.7                      | 3.8                      |

(1) Details on succeeding tables.

Table 8.1 Medical Research Expenditures in Ontario

| ORGANIZATION   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE        |                          |
|--|---|---------|---------|---------|---------|---------|---------|---------|--------------------------|--------------------------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
| Medical Research Council: (1)                                    |   |         |         |         |         |         |         |         |                          |                          |
| Grants   | .                                       | .       | .       | 10,773  | 11,711  | 12,956  | 14,422  | 16,369  | 11.3                     | 13.5                     |
| Awards   | .                                       | .       | .       | 3,394   | 3,626   | 3,816   | 3,560   | 3,701   | -6.7                     | 4.0                      |
| Research Promotion   | .                                       | .       | .       | 363     | 293     | 305     | 324     | 348     | 6.2                      | 7.4                      |
| Administration   | 179                                     | 206     | 264     | 294     | 347     | 359     | 387     | 428     | 7.8                      | 10.6                     |
| Total MRC  | 12,406                                  | 13,037  | 13,749  | 14,824  | 15,777  | 17,436  | 18,693  | 20,846  | 7.2                      | 11.5                     |
| Voluntary Associations<br>Foundations, and Others                |   |         |         |         |         |         |         |         |                          |                          |
| Ontario Mental<br>Health Foundation                              | 1,040                                   | 716     | 888     | 967     | 1,040   | 1,047   | 1,300   | 1,249   | 24.2                     | -3.9                     |
| Alcoholism and Drug<br>Addiction Foundation                      | 815                                     | 839     | 795     | 1,132   | 1,255   | 1,720   | 1,913   | 1,955   | 11.2                     | 2.2                      |
| Canadian Cancer Society -<br>Ontario Division                    | 2,163                                   | 2,470   | 2,976   | 3,534   | 4,227   | 4,959   | 5,464   | 6,372   | 10.2                     | 16.6                     |
| Ontario Cancer Treatment<br>& Research Foundation                | 1,681                                   | 1,856   | 2,072   | 2,154   | 2,461   | 2,784   | 3,025   | 3,342   | 8.7                      | 10.5                     |
| Ontario Heart Foundation   | 1,296                                   | 1,430   | 1,986   | 2,291   | 2,738   | 3,198   | 3,885   | 4,797   | 21.5                     | 23.5                     |
| Ontario Lung Association   | 157                                     | 194     | 207     | 200     | 225     | 299     | 269     | 325     | -10.0                    | 20.8                     |
| Cage Institute - Net(2)  | ..                                      | ..      | 406     | 197     | 284     | 243     | 250     | 230     | 2.9                      | -8.0                     |
| Canadian Arthritis &<br>Rheumatism Society -<br>Ontario Division | 454                                     | 560     | 725     | 802     | 861     | 1,000   | 1,080   | 1,395   | 8.0                      | 29.2                     |
| Canadian Cystic<br>Fibrosis Foundation (1)                       | 88                                      | 82      | 88      | 98      | 137     | 183     | 214     | 261     | 16.9                     | 22.0                     |
| Muscular Dystrophy<br>Association of Canada (1)                  | 224                                     | 182     | 189     | 237     | 401     | 320     | 679     | 658     | 112.2                    | -3.1                     |
| Multiple Sclerosis<br>Society of Canada -<br>Ontario Division    | 53                                      | 65      | 75      | 101     | 151     | 219     | 314     | 338     | 43.4                     | 7.6                      |
| Physicians Services<br>Incorporated Foundation                   | ..                                      | 192     | 273     | 334     | 291     | 398     | 409     | 610     | 2.8                      | 49.1                     |
| Hospital for Sick<br>Children Foundation                         | ..                                      | ..      | ..      | 63      | 152     | 431     | 669     | 804     | 55.2                     | 20.2                     |
| Atkinson Charitable<br>Foundation                                | 197                                     | 196     | 328     | 292     | 358     | 351     | 347     | 252     | -1.1                     | -27.4                    |
| W.K. Kellogg<br>Foundation (3)                                   | 94                                      | 171     | 223     | 197     | 280     | 365     | 539     | 580     | 47.7                     | 7.6                      |
| Other Associations<br>and Foundations (4)                        | 111                                     | 107     | 96      | 92      | 114     | 110     | 182     | 229     | 65.5                     | 25.8                     |
| Total Associations<br>and Foundations                            | 8,363                                   | 9,060   | 11,327  | 12,691  | 14,975  | 17,627  | 20,539  | 23,397  | 16.5                     | 13.9                     |

Table 8.1 - Continued - Medical Research Expenditures in Ontario

| ORGANIZATION                                       | EXPENDITURES            |         |         |         |         |         |         |         |  |  | PERCENTAGE CHANGE        |                          |
|--|-------------------------|---------|---------|---------|---------|---------|---------|---------|--|--|--------------------------|--------------------------|
|  | IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |  |  | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 |
|  | 1970/71                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 |  |  |                          |                          |
| Ontario Government                                 |                         |         |         |         |         |         |         |         |  |  |                          |                          |
| Ministry of Health                                 |                         |         |         |         |         |         |         |         |  |  |                          |                          |
| - Intramural                                       | 1,223                   | 1,390   | 1,251   | 1,479   | 1,659   | 1,911   | 1,865   | 2,091   |  |  | -2.4                     | 12.1                     |
| - Extramural                                       | 4,148                   | 4,736   | 5,949   | 5,560   | 6,868   | 7,401   | 6,906   | 6,945   |  |  | -2.7                     | 0.6                      |
| Ministry of Labour                                 | ..                      | ..      | ..      | ..      | ..      | ..      | ..      | 347     |  |  | ..                       | ..                       |
| Workers' Compensation Board (WCB)                  | ..                      | ..      | ..      | ..      | ..      | 39      | 81      | 99      |  |  | 107.7                    | 22.2                     |
| Provincial Lottery - net                           | ..                      | ..      | ..      | ..      | ..      | ..      | ..      | 265     |  |  | ..                       | ..                       |
| Total Ontario                                      | 5,371                   | 6,126   | 7,200   | 7,039   | 8,527   | 9,051   | 8,852   | 9,747   |  |  | -2.2                     | 10.1                     |
| Federal Government (1)                             |                         |         |         |         |         |         |         |         |  |  |                          | 81                       |
| Health and Welfare                                 |                         |         |         |         |         |         |         |         |  |  |                          |                          |
| - Intramural                                       | 2,154                   | 3,504   | 5,010   | 4,797   | 5,366   | 5,225   | 7,653   | 9,355   |  |  | 46.5                     | 22.2                     |
| - Extramural                                       | 1,358                   | 1,796   | 3,398   | 5,464   | 6,163   | 5,398   | 4,244   | 5,490   |  |  | -21.4                    | 29.4                     |
| Veteran's Affairs                                  | 95                      | 109     | 113     | 106     | 113     | 104     | ..      | ..      |  |  | ..                       | ..                       |
| Defense Research Board                             | 196                     | 173     | 175     | 215     | 207     | 176     | 126     | 212     |  |  | -10.6                    | 68.3                     |
| National Research Council                          | 122                     | 108     | 138     | 175     | 150     | 141     | 1,327   | 1,396   |  |  | 8.2                      | 5.2                      |
| Statistics Canada                                  | 628                     | 660     | 766     | 849     | 1,118   | 1,226   | 53      | 53      |  |  | -5.4                     | 0.0                      |
| Privy Council Office                               | ..                      | 48      | 14      | 14      | 93      | 56      | ..      | ..      |  |  | ..                       | ..                       |
| Total Federal                                      | 4,553                   | 6,419   | 9,614   | 11,620  | 13,210  | 12,326  | 13,403  | 16,506  |  |  | 8.7                      | 23.2                     |
| United States National Institute of Health         | 162                     | 611     | 725     | 915     | 1,972   | 1,220   | 2,098   | 3,321   |  |  | 72.0                     | 58.3                     |
| University of Toronto                              |                         |         |         |         |         |         |         |         |  |  |                          |                          |
| Based on Grants From:                              |                         |         |         |         |         |         |         |         |  |  |                          |                          |
| Canadian Companies                                 | 90                      | 94      | 107     | 149     | 198     | 104     | 57      | 61      |  |  | -45.2                    | 7.0                      |
| U.S. Companies                                     | 20                      | 22      | 10      | 54      | 44      | 37      | 32      | 31      |  |  | -13.5                    | 55                       |
| U.S. Charities                                     | 45                      | 55      | 84      | 62      | 34      | 64      | 138     | 165     |  |  | 115.6                    | 267                      |
| Internal incl. Estate & Misc.                      | 1,500                   | 1,865   | 1,830   | 1,686   | 1,578   | 1,407   | 1,835   | 1,726   |  |  | 30.4                     | -5.9                     |
| Total U. of T.                                     | 1,655                   | 2,036   | 2,031   | 1,951   | 1,854   | 1,612   | 2,062   | 1,983   |  |  | 27.9                     | -3.8                     |
| TOTAL MEDICAL RESEARCH EXPENDITURES IN ONTARIO (5) | 32,510                  | 37,289  | 44,646  | 49,040  | 56,315  | 59,272  | 65,647  | 75,800  |  |  | 10.8                     | 15.5                     |

(1) Canadian totals, not available separately for Ontario, are apportioned to Ontario on the basis of population share, namely 36%.

(2) Totals exclude research grants received by the Gage Institute from other organizations listed in this table.

(3) In United States currency.

(4) Includes Canadian Mental Health Association; Kidney Foundation of Canada, Ontario Division; Toronto Rehabilitation Centre; March of Dimes; and the Canadian Life Insurance Association.

(5) Medical research activities in Ontario universities and hospitals (other than University of Toronto) that are financed from internal resources, or from organizations not shown in this table, are excluded. Research by private companies in development of new drugs or other health items is assumed to be incorporated within their selling prices.

Table 8.2 Mental Health Expenditures in Ontario

| MENTAL HEALTH EXPENDITURES                        | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |  |  | PERCENTAGE CHANGE        |                          |                          |
|---|---|---------|---------|---------|---------|---------|---------|---------|--|--|--------------------------|--------------------------|--------------------------|
|   |   |         |         |         |         |         |         |         |  |  | 1975/76<br>to<br>1976/77 | 1976/77<br>to<br>1977/78 | 1970/71<br>to<br>1977/78 |
|   | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 |  |  |                          |                          |                          |
| Federal Hospitals (1)                             | 3,584                                   | 4,167   | 4,661   | 5,350   | 6,075   | 5,564   | 6,514   | 3,615   |  |  |                          |                          |                          |
| Public General Hospitals - Operating (2)          | 27,101                                  | 32,373  | 35,809  | 41,552  | 52,984  | 61,850  | 78,882  | 99,901  |  |  |                          |                          |                          |
| Public General Hospitals - Capital (3)            | 1,805                                   | 2,332   | 2,456   | 2,487   | 3,031   | 2,607   | 2,832   | 3,691   |  |  |                          |                          |                          |
| Public Mental Hospitals                           |   |         |         |         |         |         |         |         |  |  |                          |                          |                          |
| Ministry of Health Hospitals                      | 137,867                                 | 163,040 | 177,869 | 198,459 | 127,031 | 144,141 | 155,418 | 152,965 |  |  |                          |                          |                          |
| Ministry of Community & Social Services Hospitals | ...                                     | ...     | ...     | ...     | 96,884  | 113,700 | 133,834 | 132,888 |  |  |                          |                          |                          |
| Other Public Mental Hospitals                     | 16,215                                  | 17,126  | 20,890  | 22,503  | 32,423  | 35,589  | 50,903  | 78,915  |  |  |                          |                          |                          |
| Total Public Mental Hospitals                     | 154,082                                 | 180,166 | 198,759 | 220,962 | 256,338 | 293,430 | 340,155 | 364,768 |  |  |                          |                          |                          |
| Private Mental Hospitals                          | 6,756                                   | 7,679   | 9,250   | 12,134  | 14,833  | 17,104  | 9,999   | 10,147  |  |  |                          |                          |                          |
| Total-All Hospitals                               | 193,328                                 | 226,717 | 250,935 | 282,485 | 333,261 | 380,655 | 438,382 | 482,122 |  |  |                          |                          |                          |
| Community Mental Health Facilities                |   |         |         |         |         |         |         |         |  |  |                          |                          |                          |
| Out - Patient                                     | 1,159                                   | 1,570   | 1,930   | 2,834   | 4,378   | 5,602   | 7,730   | 9,617   |  |  |                          |                          |                          |
| Children - Operating                              | 5,797                                   | 7,850   | 9,847   | 13,946  | 19,351  | 24,505  | 28,798  | 32,456  |  |  |                          |                          |                          |
| Children - Capital                                | 696                                     | 1,105   | 1,124   | 1,623   | 2,344   | 1,179   | 778     | 416     |  |  |                          |                          |                          |
| Total Community Mental Health                     | 7,652                                   | 10,525  | 12,901  | 18,403  | 26,253  | 31,286  | 37,306  | 42,489  |  |  |                          |                          |                          |

Table 8.2 - Continued - Mental Health Expenditures in Ontario

| MENTAL HEALTH EXPENDITURES   | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         | PERCENTAGE CHANGE |               |         |
|--|---|---------|---------|---------|---------|---------|---------|---------|-------------------|---------------|---------|
|  | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 | 1975/76           | 1976/77       | 1977/78 |
|  |   |         |         |         |         |         |         |         | to<br>1976/77     | to<br>1977/78 |         |
| Ministry of Health For:  |   |         |         |         |         |         |         |         |                   |               |         |
| Homes for Special Care (4)   | 24,541                                  | 26,495  | 27,702  | 31,354  | 36,845  | 45,335  | 51,266  | 57,008  | 13.1              | 11.2          | 132     |
| Alcoholism and Drug Abuse Grants   | .                                       | 110     | 179     | 473     | 597     | 450     | 339     | 506     | -24.7             | 49.3          | ...     |
| OHIP Fee-For-Service To Psychiatrists  | 15,479                                  | 17,024  | 18,616  | 19,351  | 23,400  | 27,078  | 30,124  | 34,522  | 11.2              | 14.6          | 123     |
| Total  | 40,020                                  | 43,629  | 46,497  | 51,178  | 60,842  | 72,863  | 81,729  | 92,036  | 12.2              | 12.6          | 130     |
| Ministry of Community & Social Services Payments To Associations for the Mentally Retarded (5) |   |         |         |         |         |         |         |         |                   |               |         |
| Day Nurseries - Operating  | .                                       | 273     | 2,485   | 1,614   | 1,719   | 3,431   | 3,468   | 4,835   | 1.1               | 39.4          | ...     |
| Day Nurseries - Capital  | .                                       | .       | .       | 60      | 114     | 1,243   | 1,282   | 148     | 3.1               | -88.5         | ...     |
| Resid. Facilities - Op.  | 362                                     | 622     | 1,019   | 1,708   | 2,418   | 3,924   | 6,472   | 8,437   | 64.9              | 30.4          | ...     |
| Resid. Facilities - Cap.   | 191                                     | 497     | 840     | 210     | 2,161   | 889     | 1,187   | 1,498   | 33.5              | 26.2          | 684     |
| Other - Operating  | 556                                     | 880     | 849     | 1,494   | 3,132   | 6,971   | 10,332  | 13,123  | 48.2              | 27.0          | ...     |
| Other - Capital  | 156                                     | 483     | 211     | 316     | 879     | 802     | 1,017   | 2,672   | 26.8              | 162.7         | ...     |
| Total  | 1,265                                   | 2,755   | 5,404   | 5,402   | 10,423  | 17,260  | 23,758  | 30,713  | 37.6              | 29.3          | ...     |
| Voluntary Mental Health Assoc's and Foundations  | 11,663                                  | 10,783  | 11,200  | 13,094  | 15,113  | 14,730  | 14,329  | 15,625  | -2.7              | 9.0           | 34      |
| TOTAL MENTAL HEALTH RELATED EXPENDITURES   | 253,928                                 | 294,409 | 326,937 | 370,562 | 445,892 | 516,794 | 595,504 | 662,985 | 15.2              | 11.3          | 161     |

- (1) Number of patient days times average cost per patient day for all mental hospitals in Ontario. Almost all this cost is associated with Westminster in London which became public in October, 1977.
- (2) Days of care in psychiatric units times average daily cost for one patient day in public general hospitals.
- (3) Total Ministry of Health capital input into general hospitals less depreciation on shareable equipment which appears within operation costs.
- (4) This total is apportioned by psychiatric days of care to total days of care to estimate that portion allocated to mental health.
- (5) This funding is to provide a lower level institutional care alternative to psychiatric hospitals for appropriate patients.
- (6) Excludes grants under the Vocational Rehabilitation Services Act for tuition and supplies. Other refers to developmental (workshops), protective, and other supportive services.



APPENDIX 1  
DEFINITIONS INCLUDING HEALTH CARE





## APPENDIX 1

## DEFINITIONS INCLUDING HEALTH CARE

Health Care

The World Health Organization defines health as "a state of complete physical and mental and social well-being". Although quite popular, this definition is not easily amenable to a publication concerned mainly with the financing of health care. As it stands, the definition is too wide in scope, encompassing almost all aspects of human activity. For this reason, two guidelines are introduced to limit the definition to a more practical base.

The first guideline imposed upon the definition assumes an existing state of well-being and restricts the identification of expenditures to those associated with the treatment of deviations from this state. The deviations from a state of health correspond to those actions of individuals who seek relief from illness, or take preventative measures (e.g., annual check-up, inoculation, screening program, public health, etc.), either voluntarily or involuntarily. Since an individual not seeking treatment is considered well, then the following costs associated with seeking a higher level of well-being are excluded, namely: supplying facilities and incentive for physical fitness other than that covered by health related rehabilitative services, and the availability of adequate nutrition. Also excluded are selected preventative measures such as supplying sanitary water and effective sewage disposal, and costs associated with increasing the safety of products and structures in order to reduce personal vulnerability (e.g., seat belts, Canadian Standards Association, etc.). Note that these selected preventative measures which are taken for granted in this country, and excluded as health cost inputs, would have significant impact on the state of health if promoted in less-developed countries.

The second guideline limits the term "social well-being" to within the boundaries of rehabilitation and retardation services as provided by an organized agency. That is, organizations such as voluntary associations, the Ontario Government, etc., provide some social support to individuals who, because of their medical condition have difficulty adjusting on their own within society. For example,

APPENDIX I

the total expenditures of the Canadian National Institute of the Blind, Ontario Division, are included and no attempt is made to exclude the costs of CNIB sponsored social activities. This distinction is particularly acute in considering some expenditures of the Ontario Ministry of Community and Social Services.

Other expenditures that are related to the concept of health have been excluded because they are not easily measurable and because they are not considered in the health expenditure statistics provided by Canada and other countries. These include the following: pension payments resulting from insurance for work-time lost, such as provided by sick-leave plans or Workmen's Compensation Board; the income or time lost by patients in a hospital or practitioner's office, and for work-days lost, or premature death; the health services people perform for themselves, their family or friends; and unpaid volunteer work, particularly in hospitals and the voluntary associations and foundations.

In terms of determining a net total for health expenditures for Ontario, the following are included, adjusted for double-counting:

- direct federal health spending in Ontario.
- Ontario Ministry of Health in its entirety.
- Ontario Ministry of Community and Social Services for health related items and retardation programs.
- Other Ontario Government Ministries where applicable including Government Services, Solicitor General, Labour, Environment, and Correctional Services.
- Ontario Ministry of Education for post-secondary training for health occupations such as nursing and medicine.
- Workmen's Compensation Board for spending on health items.
- Local Governments for expenditures on Health Agencies, and items.
- The administration and profit component of non-government health insurance.
- The spending of voluntary health associations and foundations.
- On-the-job health expenditures of private business for their own employees.
- Operating costs of federal, public general, public mental, and private hospitals, and nursing homes and homes for the aged (extending only); and related capital costs with the exception of federal hospitals (data unavailable but indirectly incorporated

within Table 1.2) and nursing homes (assumed to be incorporated within profit and depreciation under operating costs).

- Expenditures on physicians, dentists, nurses, and other health professionals.
- Drugs, drug sundries, eyeglasses, hearing aids, and other prosthetic appliances.
- Medical research expenditures.

There are differences in content with the definition used by the Department of National Health and Welfare for data on Canadian health expenditures and that used in this report for Ontario health expenditures. The national figures exclude most expenditures on post-secondary education or training, general administration expenditures of government health departments, and certain health related expenditures incurred by government departments other than health departments. Both the Federal and Ontario reports exclude the costs to manufacturers for the development and production of health items under the assumption that these costs are recovered with product sales.

#### Double-Counting:

The term double-counting is used to describe the situation where the expenditures of one organization may be the revenues of one or more other organizations. For example, the Federal Government transfers funds to the Ontario Government, which in turn transfers funds to physicians, health care institutions, associations and foundations, etc. Aggregating the health expenditures for all appropriate organizations, oblivious of their source of revenue, would lead to a grossly inflated total for Ontario. To develop a net Ontario total for health care, the flow of funds between all the relevant organizations has to be determined, and adjustments made accordingly (see Appendix 2).

#### Constant Dollars

This is a method using a procedure called statistical deflation, by which the effects of price change upon the value of a list of commodities are removed. This procedure is defined by the following expression:

$$\text{physical volume in constant dollars} = \frac{\text{volume in current dollars}}{\text{appropriate price index}}$$

## APPENDIX 1

The validity of the result depends upon the appropriateness of the price index. In this report, relevant price indexes are not available on a provincial basis; consequently, national price indexes were used. In each data series presented in constant dollars, with the exception of Table 5.6, the deflator used was the implicit price index for Gross National Expenditure, adjusted with the third quarter of 1970 set equal to 100.

A related, but more qualitative methodology to more closely examine the effects of price change, would be to compare - across time periods and occupations - the number of hours-worked needed to purchase a selected list of health items. This has not been attempted in this report.

Reporting Period:

All data presented in this publication are based on a March 31st fiscal year reporting basis. Data originally collected by calendar year or by other year ending have been adjusted. The method of adjustment was the use of a simple ratio. For example, calendar-year data was adjusted to March 31st fiscal year data by taking 75% of the first calendar year and 25% of the second. That is, 75% of 1970 data plus 25% of 1971 data, yields 1970/71 data. Other year endings were adjusted to the March 31st reporting period by altering the ratio accordingly. The advantage of having consistent comparisons by standardizing the reporting period far outweighs the potential adjustment errors.

Canadian Data:

Data available only as Canadian totals were apportioned to Ontario via population share; that is, 36%. In some cases, such as federal health administration, the actual expenditures are mainly in Ottawa; yet the decision was to incorporate only 36% of these totals as Ontario expenditures. The justification concerns the source of funding, namely, the tax dollar, which is itself generally proportional to population share.

## APPENDIX 1

Expenditures By or For Ontario Residents:

Where feasible, expenditures have been presented on a "national" rather than a "domestic" basis. That is, they are intended to relate to expenditures by or for Ontario residents regardless of whether made inside or outside Ontario. For this reason, OHIP claims outside Ontario are included, whereas non-resident standard ward costs in Ontario hospitals are excluded. For retail sales on health items, and visits to health care practitioners, it is assumed that expenditures in Ontario by non-residents are balanced by the spending of Ontario residents outside their province.

Treatment of Profit:

Profit, as such, occurs infrequently within the health system. In this report, any profits accruing are considered to be part of health costs. Examples include expenditures on drugs and other health items (Section 7) either purchased directly by hospitals or other agencies, or via retail sales; the profits of non-government health insurance companies are part of the health expenditures of individuals and corporations paying premiums; and similarly, profits realized by nursing homes are derived in part from fees for health services rendered.

Regulatory Health Bodies

Expenditures by regulatory health bodies and health professional associations are, for the most part, equal to the income they derive from licenses and/or registration fees. Generally these fees are generated from sources covered elsewhere, such as physicians, dentists, nurses, hospitals, etc. As such, they do not add significantly to health expenditures, and are ignored in this publication.

Workmen's Compensation Board (WCB)

WCB health spending is distinguished from total WCB spending in Table 2.6, and a ratio of health spending to total income received from employer assessments is developed for each year. The ratios identify that portion of spending by other organizations on WCB that will be designated as health expenditures.

APPENDIX I

WCB is located within the Ontario Government module, despite being funded directly by employers, since it falls under the authority and direction of the Ontario Government. This approach corresponds to that adopted by the Canadian Department of National Health and Welfare who aggregate WCB into the public sector.

APPENDIX 2  
SYSTEMATIC ELIMINATION OF DOUBLE-COUNTED  
HEALTH EXPENDITURES IN ONTARIO





APPENDIX 2

SYSTEMATIC ELIMINATION OF DOUBLE-COUNTED  
HEALTH EXPENDITURES IN ONTARIO

The Appendix illustrates the path chosen to remove the effects of double-counting of health expenditures. The dollar amounts aggregating to form yearly totals for Ontario health expenditures are carried forward and presented in tabular form on succeeding pages. The approach is to continuously eliminate overlap as it occurs from all preceding tables.

Some expenditures not shown directly in this report must nevertheless be excluded. For these expenditures there is no reference under the column "Table Reference". They include the following:

Section 4 - the overlap between voluntary health organizations and spending on health items is determined from source data. Note here that spending on health items is excluded out of order, for convenience.

Section 5 - the sum of local governments for operating costs and for capital costs of hospitals for each year is the corresponding number shown on Table 3.1, where the two numbers are combined as net total for municipal hospitals.

- income from non-residents received by public hospitals is excluded, since OHIP expenditures by Ontario residents outside Ontario are included (see definition Appendix 1).
- local government funding for nursing homes (from G.W.A.) is available from source data.

Sections 6 and 7 - Children's Aid Societies are funded jointly by the Ministry of Community and Social Services and Local Governments. With respect to the latter, no separation by item is shown in Table 3.1.

- the numbers shown in Table 2.4 under Ministry of Correctional Services include salaried physicians and dentists, which are not applicable here; that is, salaried occupations are covered elsewhere in developing Ontario totals.

Section 8 - Research is funded by various organizations with some work passing through the budgets of general hospitals which have already been accounted for with respect to the Ontario totals.

| ELIMINATION OF<br>DOUBLE - COUNTED EXPENDITURES  | TABLE<br>REFERENCE     | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           |
|--|------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|  |                        | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   |
| <b>SECTION 1</b>   |                        |   |           |           |           |           |           |           |           |
| Include all Federal Health Spending in Ont.  |                        |   |           |           |           |           |           |           |           |
| SECTION 1 CARRIES FORWARD  | summary<br>- section 1 | 684,164                                 | 784,697   | 913,995   | 960,962   | 1,182,301 | 1,431,103 | 1,724,190 | 1,991,061 |
| <b>SECTION 2</b>   |                        |   |           |           |           |           |           |           |           |
| Include total Ontario Government<br>health expenditures, namely  | summary<br>- section 2 | 1,730,277                               | 1,992,508 | 2,206,532 | 2,410,264 | 2,921,627 | 3,436,013 | 3,917,929 | 4,229,363 |
| Less: Federal transfer payments  | 1.1                    | 616,035                                 | 706,772   | 822,201   | 859,896   | 1,068,968 | 1,299,592 | 1,575,569 | 1,832,464 |
| OHIP for federal employees   | 1.2                    | 4,949                                   | 6,271     | 10,601    | 13,447    | 15,342    | 18,700    | 21,900    | 22,900    |
| WCB for federal employees  | 1.2                    | 404                                     | 365       | 362       | 389       | 366       | 452       | 469       | 517       |
| IS: SECTION 2 CARRIES FORWARD  |                        | 1,108,889                               | 1,279,100 | 1,373,368 | 1,536,532 | 1,836,951 | 2,117,269 | 2,319,991 | 2,373,482 |
| <b>SECTION 3</b>   |                        |   |           |           |           |           |           |           |           |
| Include total net expenditures of local<br>governments - i.e. excluding transfers -<br>namely  | summary<br>- section 3 | 51,367                                  | 59,544    | 73,666    | 74,610    | 83,075    | 93,657    | 106,816   | 115,239   |
| Less: - Payments to OHIP for employees   | 3.1                    | 7,396                                   | 9,363     | 15,746    | 17,783    | 20,585    | 22,933    | 31,357    | 33,636    |
| - Payments to WCB for employees  | 3.1                    | 477                                     | 607       | 577       | 542       | 593       | 744       | 785       | 885       |
| IS: SECTION 3 CARRIES FORWARD  |                        | 43,494                                  | 49,574    | 57,343    | 56,285    | 61,897    | 69,980    | 74,674    | 80,718    |
| <b>SECTION 4</b>   |                        |   |           |           |           |           |           |           |           |
| Carry forward administration (and profit) of<br>non-government health insurance organizations  | 4.1                    | 14,351                                  | 17,605    | 20,753    | 24,721    | 29,404    | 35,462    | 30,510    | 34,974    |
| Include voluntary associations, etc., net<br>of government funding, namely   | 4.4                    | 26,227                                  | 27,883    | 31,377    | 36,305    | 43,355    | 47,585    | 53,155    | 60,043    |
| Less: Overlap between organizations, or<br>other spenders, and health items<br>such as prosthetics, hearing aids,<br>drugs, etc., namely (1) |                        | 978                                     | 1,021     | 995       | 2,104     | 2,635     | 3,460     | 4,893     | 5,446     |

| ELIMINATION OF<br>DOUBLE - COUNTED EXPENDITURES                               |  | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |            |           |           |           |           |           |           |           |
|---|--|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|   |  | TABLE<br>REFERENCE                      | 1970/71    | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   |
| Is amount carried forward for voluntary associations, foundations, and others |  |   | 25,249     | 26,862    | 30,382    | 34,201    | 40,720    | 44,125    | 48,262    | 54,597    |
| Carry forward on-the-job health expenses of private business                  |  | 4.5                                     | 16,168     | 16,715    | 19,648    | 25,376    | 27,802    | 34,014    | 35,157    | 40,270    |
| SECTION 4 CARRIES FORWARD   |  |   | 55,768     | 61,182    | 70,783    | 84,298    | 97,926    | 113,401   | 113,929   | 129,841   |
| SECTION 5   |  |   |            |           |           |           |           |           |           |           |
| Include operating costs for all hospitals -                                   |  | summary                                 | 51,083,709 | 1,220,280 | 1,342,497 | 1,509,341 | 1,827,767 | 2,480,380 | 2,842,552 | 2,879,391 |
| Less: - Ontario Government funding  |  | 5.8                                     | 940,602    | 1,071,221 | 1,189,119 | 1,334,909 | 1,620,976 | 1,932,413 | 2,171,066 | 2,385,411 |
| - Federal spending for Federal hospitals                                      |  | 1.2                                     | 16,312     | 17,726    | 18,987    | 20,494    | 23,039    | 27,832    | 28,214    | 21,881    |
| - Local governments on hospitals  |  |   | 13,235     | 13,931    | 14,665    | 15,437    | 16,249    | 16,998    | 16,905    | 16,859    |
| - WCB payments to hospitals   |  | 2.6                                     | 16,535     | 17,183    | 17,619    | 18,739    | 20,222    | 25,970    | 26,996    | 29,009    |
| - Income from non-residents in public hospitals                               |  |   | 13,815     | 15,715    | 17,527    | 18,882    | 23,668    | 33,440    | 37,457    | 39,578    |
| Is amount carried forward for operating costs for all hospitals               |  |   | 83,210     | 84,504    | 84,580    | 100,880   | 123,613   | 143,807   | 161,914   | 186,653   |
| Include capital costs for all hospitals (excluding federal)                   |  |   |            |           |           |           |           |           |           |           |
| Less: - Ontario Government funding (2)  |  | 5.5                                     | 123,925    | 145,775   | 153,950   | 164,475   | 170,100   | 151,650   | 151,775   | 172,975   |
| - Local governments funding   |  | 5.8                                     | 70,566     | 90,186    | 95,004    | 91,695    | 99,995    | 91,042    | 86,035    | 95,094    |
| Is amount carried forward for capital costs for all hospitals excl. federal   |  |   | 52,079     | 53,723    | 54,434    | 71,402    | 66,693    | 56,370    | 60,436    | 68,924    |
| Include total for nursing homes   |  | 5.7                                     | 74,304     | 80,989    | 103,361   | 121,903   | 142,867   | 186,724   | 212,110   | 239,174   |
| Less: - Ontario Government funding  |  | 5.8                                     | 40,527     | 45,612    | 72,771    | 89,892    | 108,609   | 135,574   | 156,354   | 191,740   |
| - Local Governments funding   |  | 2.6                                     | 902        | 1,100     | 812       | 388       | 279       | 220       | 129       | 91        |
| - WCB funding   |  |   | 53         | 63        | 77        | 95        | 112       | 131       | 156       | 169       |
| Is amount carried forward for nursing homes                                   |  |   | 32,622     | 38,614    | 29,681    | 31,568    | 43,347    | 52,803    | 55,471    | 47,174    |
| Include Homes for the Aged - Operating  |  | 5.9                                     | 50,419     | 57,510    | 59,980    | 70,034    | 83,280    | 102,323   | 115,325   | 130,052   |
| Less: - Ontario Government funding  |  | 5.8                                     | 23,550     | 26,786    | 35,490    | 47,605    | 55,512    | 67,439    | 74,260    | 83,405    |
| - Local Governments funding   |  | 5.9                                     | 5,277      | 6,007     | 7,608     | 3,811     | 5,791     | 7,344     | 8,006     | 9,463     |
| Is amount carried forward for operating costs for Homes for the Aged          |  |   | 21,592     | 24,717    | 16,782    | 18,618    | 21,977    | 27,540    | 33,059    | 37,184    |

| ELIMINATION OF<br>DOUBLE - COUNTED EXPENDITURES                    | TABLE<br>REFERENCE | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |
|--|--------------------|---|---------|---------|---------|---------|---------|---------|---------|
|  |                    | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 |
| Include Homes for the Aged - Capital                               | 5.10               | 8,324                                   | 9,280   | 6,697   | 5,459   | 3,167   | 6,049   | 7,913   | 1,845   |
| Less: - Ontario Government funding                                 | 5.8                | 3,839                                   | 4,316   | 3,106   | 2,546   | 1,488   | 1,842   | 3,734   | 818     |
| - Local Governments funding  | 5.10               | 3,193                                   | 3,668   | 2,621   | 2,179   | 1,297   | 2,477   | 3,289   | 609     |
| Is amount carried forward for capital costs for Homes for the Aged |                    | 1,292                                   | 1,296   | 970     | 734     | 382     | 1,730   | 890     | 418     |
| SECTION 5 CARRIES FORWARD  |                    | 190,795                                 | 202,854 | 186,447 | 223,202 | 256,012 | 282,250 | 311,770 | 340,353 |
| SECTION 6  |                    |   |         |         |         |         |         |         |         |
| Include total fee-for-service physicians                           | 6.2                | 464,075                                 | 520,515 | 557,690 | 597,366 | 676,014 | 767,106 | 831,407 | 913,389 |
| Less: - Federal Departments on physicians                          | 1.2                | 1,394                                   | 1,628   | 1,892   | 3,550   | 2,602   | 3,460   | 3,987   | 4,274   |
| - OHIP payments for physicians                                     | 2.2                | 422,279                                 | 464,426 | 499,077 | 527,871 | 615,940 | 696,700 | 750,914 | 839,191 |
| - Children's Aid Societies   |                    | 122                                     | 134     | 126     | 137     | 121     | 139     | 143     | 174     |
| - Correctional Services  |                    | 550                                     | 604     | 590     | 843     | 1,008   | 988     | 1,060   | 888     |
| - Workmen's Compensation Board                                     | 2.6                | 9,151                                   | 9,138   | 9,148   | 9,464   | 9,983   | 10,555  | 11,860  | 12,218  |
| Is amount carried forward for physicians                           |                    | 30,579                                  | 44,585  | 46,857  | 55,501  | 46,360  | 55,284  | 63,443  | 56,644  |
| Include total fee-for-service dentists                             | 6.2                | 129,216                                 | 150,720 | 169,358 | 199,610 | 222,543 | 263,967 | 308,164 | 356,678 |
| Less: - Federal Departments on dentists                            | 1.2                | 110                                     | 131     | 153     | 239     | 316     | 224     | 371     | 395     |
| - OHIP payments for dentists                                       | 2.2                | 4,777                                   | 5,253   | 5,646   | 5,840   | 6,114   | 6,478   | 4,258   | 3,960   |
| - Children's Aid Societies   |                    | 210                                     | 393     | 413     | 419     | 456     | 487     | 419     | 513     |
| - G.W.A., Provincial and Local                                     | 3.1                | 641                                     | 1,022   | 1,209   | 1,078   | 1,355   | 1,931   | 1,639   | 2,186   |
| - Family Benefits Act - Provincial                                 | 2.3                | 1,889                                   | 2,392   | 2,571   | 2,608   | 2,975   | 3,710   | 4,273   | 4,938   |
| - Rehabilitation Services - Provincial                             | 2.3                | 39                                      | 44      | 49      | 54      | 60      | 94      | 77      | 84      |
| - Correctional Services  |                    | 55                                      | 63      | 73      | 76      | 131     | 200     | 321     | 243     |
| - Workmen's Compensation Board                                     | 2.6                | 249                                     | 290     | 312     | 361     | 404     | 445     | 496     | 565     |
| Is amount carried forward for dentists                             |                    | 121,246                                 | 141,132 | 158,932 | 188,935 | 210,732 | 250,398 | 296,310 | 343,794 |
| Include total for chiropractors                                    | 6.2                | 15,441                                  | 17,949  | 20,800  | 24,196  | 28,475  | 33,662  | 39,277  | 43,356  |
| Less: - OHIP payments to chiropractors                             | 2.2                | 13,184                                  | 14,499  | 15,581  | 17,164  | 17,566  | 18,630  | 20,078  | 23,123  |
| - Workmen's Compensation Board                                     | 2.6                | 365                                     | 290     | 293     | 293     | 323     | 377     | 489     | 563     |
| Is amount carried forward for chiropractors                        |                    | 1,892                                   | 3,160   | 4,926   | 6,739   | 10,586  | 14,655  | 18,710  | 19,670  |

| ELIMINATION OF<br>DOUBLE - COUNTED EXPENDITURES            | TABLE<br>REFERENCE | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |
|--|--------------------|---|---------|---------|---------|---------|---------|---------|---------|
|  |                    | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 |
| Include total for optometrists                             | 6.2                | 14,402                                  | 15,598  | 16,560  | 18,159  | 20,217  | 23,167  | 25,091  | 26,144  |
| Less: - OHIP payments for optometrists                     | 2.2                | 5,633                                   | 6,195   | 6,637   | 6,783   | 9,690   | 12,020  | 13,048  | 14,879  |
| - Correctional Services                                    | 2.4                | 28                                      | 36      | 24      | 33      | 31      | 35      | 36      | 16      |
| - Workmen's Compensation Board                             | 2.6                | 26                                      | 26      | 25      | 17      | 18      | 20      | 29      | 51      |
| Is amount carried forward for optometrists                 |                    | 8,715                                   | 9,341   | 9,854   | 11,326  | 10,478  | 11,092  | 11,978  | 11,198  |
| Include total for chiropractors                            | 6.2                | 2,262                                   | 2,466   | 2,643   | 2,715   | 3,580   | 4,225   | 4,456   | 4,588   |
| Less: - OHIP payments for chiropractors                    | 2.2                | 1,703                                   | 1,874   | 2,013   | 2,327   | 2,602   | 2,837   | 2,859   | 2,953   |
| Is amount carried forward for chiropractors                |                    | 559                                     | 592     | 630     | 388     | 978     | 1,388   | 1,797   | 1,635   |
| Include total for osteopaths                               | 6.2                | 1,311                                   | 1,390   | 1,426   | 1,473   | 1,381   | 1,426   | 1,453   | 1,402   |
| Less: - OHIP payments to osteopaths                        | 2.2                | 538                                     | 591     | 636     | 585     | 551     | 506     | 455     | 430     |
| Is amount carried forward for osteopaths                   |                    | 773                                     | 799     | 790     | 888     | 830     | 920     | 998     | 972     |
| Carry forward the total<br>for private practice nurses (3) | 6.7                | 3,786                                   | 4,240   | 4,496   | 4,930   | 6,059   | 6,947   | 6,778   | 6,711   |
| SECTION 6 CARRIES FORWARD                                  |                    | 167,550                                 | 203,849 | 226,485 | 268,707 | 286,023 | 340,684 | 400,014 | 440,624 |
| SECTION 7  |                    |   |         |         |         |         |         |         |         |
| Include drugs distributed<br>through retail outlets        | 7.1                | 269,802                                 | 288,562 | 309,232 | 339,317 | 389,856 | 484,449 | 557,144 | 648,631 |
| Less: - Federal Departments for drugs                      | 1.2                | ..                                      | 1,387   | 1,756   | 1,849   | 2,006   | 2,330   | 2,591   | 2,986   |
| - Ministry of Health Drug Benefit Plan (4)                 | 2.3                | ..                                      | ..      | ..      | ..      | 8,546   | 33,183  | 57,082  | 86,864  |
| - Family Benefits Act                                      | 3.1                | 4,062                                   | 5,238   | 5,719   | 7,117   | 1,629   | 7,482   | 9,888   | 11,077  |
| - C.P.A. including municipal                               | 2.3                | 118                                     | 192     | 205     | 226     | 6,700   | 7,398   | 4,760   | 4,776   |
| - Children's Aid Societies                                 | 2.3                | 17                                      | 19      | 21      | 23      | 232     | 243     | 218     | 269     |
| - Rehabilitation Services                                  | 2.6                | 832                                     | 877     | 949     | 972     | 1,038   | 1,148   | 1,248   | 1,449   |
| - Workmen's Compensation Board                             | 4.5                | 485                                     | 501     | 589     | 761     | 834     | 1,020   | 1,055   | 1,208   |
| - 3% of on-the-job health costs (5)                        | 5.9                | 56                                      | 65      | 67      | 78      | 93      | 115     | 129     | 146     |
| - Homes for the Aged                                       |                    |   |         |         |         |         |         |         |         |
| Is amount carried forward for drugs                        |                    | 264,232                                 | 280,283 | 299,926 | 328,291 | 368,732 | 431,485 | 490,118 | 540,971 |

|   | TABLE<br>REFERENCE | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |         |         |         |         |         |         |         |  |  |
|---|--------------------|---|---------|---------|---------|---------|---------|---------|---------|--|--|
|   |                    | 1970/71                                 | 1971/72 | 1972/73 | 1973/74 | 1974/75 | 1975/76 | 1976/77 | 1977/78 |  |  |
| DOUBLE - COUNTED EXPENDITURES                               |                    |   |         |         |         |         |         |         |         |  |  |
| Include drug sundries<br>distributed through retail outlets | 7.2                | 39,025                                  | 40,114  | 41,232  | 42,381  | 43,563  | 44,777  | 46,026  | 47,310  |  |  |
| Less: - C.W.A. including municipal                          | 3.1                |   |         | 9       | 51      | 23      | 28      | 31      | 37      |  |  |
| - Children's Aid Societies                                  |                    | 51                                      | 82      | 88      | 97      | 100     | 104     | 93      | 115     |  |  |
| - Rehabilitation Services                                   | 2.3                | 7                                       | 8       | 9       | 10      | 11      | 19      | 19      | 19      |  |  |
| - Correctional Services                                     | 2.4                | 42                                      | 46      | 59      | 73      | 78      | 90      | 94      | 98      |  |  |
| - 1% of on-the-job health costs (5)                         | 4.5                | 162                                     | 167     | 196     | 254     | 278     | 340     | 352     | 403     |  |  |
| Is amount carried forward for drug sundries                 |                    | 38,763                                  | 39,811  | 40,871  | 41,896  | 43,073  | 44,196  | 45,437  | 46,638  |  |  |
| Include total for prosthetic appliances                     | 7.3                | 4,716                                   | 5,842   | 6,855   | 8,058   | 10,527  | 11,549  | 13,077  | 14,687  |  |  |
| Less: - C.W.A. including municipal                          | 3.1                | 94                                      | 160     | 186     | 225     | 165     | 190     | 152     | 171     |  |  |
| - Children's Aid Societies                                  |                    | 46                                      | 57      | 59      | 63      | 72      | 76      | 66      | 80      |  |  |
| - Rehabilitation Services                                   | 2.3                | 145                                     | 161     | 179     | 199     | 221     | 384     | 287     | 196     |  |  |
| - Workmen's Compensation Board                              | 2.6                | 488                                     | 505     | 603     | 693     | 796     | 1,006   | 1,253   | 1,399   |  |  |
| Is amount carried forward for prosthetics                   |                    | 3,943                                   | 4,959   | 5,828   | 6,878   | 9,273   | 9,893   | 11,319  | 12,841  |  |  |
| Include total for eyeglasses                                | 7.3                | 22,649                                  | 28,582  | 33,612  | 37,324  | 42,542  | 48,362  | 54,688  | 61,124  |  |  |
| Less: - C.W.A. including municipal                          | 3.1                | 374                                     | 639     | 744     | 900     | 659     | 760     | 606     | 683     |  |  |
| - Children's Aid Societies                                  |                    | 184                                     | 227     | 234     | 234     | 290     | 302     | 264     | 322     |  |  |
| - Rehabilitation Services                                   | 2.3                | 6                                       | 7       | 7       | 8       | 9       | 15      | 14      | 14      |  |  |
| - Family Benefits Act                                       | 2.3                | 445                                     | 494     | 569     | 610     | 678     | 753     | 917     | 1,048   |  |  |
| - Workmen's Compensation Board                              | 2.6                | 79                                      | 78      | 87      | 98      | 110     | 117     | 134     | 151     |  |  |
| Is amount carried forward for eyeglasses                    |                    | 21,561                                  | 27,137  | 31,991  | 35,455  | 40,796  | 46,415  | 52,753  | 58,906  |  |  |
| Include total for hearing aids                              | 7.3                | 3,130                                   | 3,248   | 3,440   | 3,618   | 4,190   | 4,664   | 4,627   | 5,628   |  |  |
| Less: - Rehabilitation Services                             | 2.3                | 8                                       | 9       | 10      | 12      | 13      | 17      | 15      | 19      |  |  |
| - Family Benefits Act                                       | 2.3                | 21                                      | 23      | 25      | 28      | 31      | 34      | 82      | 63      |  |  |
| - Workmen's Compensation Board                              | 2.6                | 25                                      | 25      | 30      | 35      | 40      | 84      | 205     | 245     |  |  |
| Is amount carried forward for hearing aids                  |                    | 3,076                                   | 3,191   | 3,375   | 3,543   | 4,106   | 4,529   | 4,344   | 5,282   |  |  |
| SECTION 7 CARRIES FORWARD                                   |                    | 331,575                                 | 355,381 | 381,991 | 416,063 | 466,000 | 536,518 | 603,971 | 664,638 |  |  |

| DOUBLE - COUNTED EXPENDITURES   | TABLE REFERENCE | EXPENDITURES<br>IN THOUSANDS OF DOLLARS |           |           |           |           |           |           |           |
|---|-----------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|   |                 | 1970/71                                 | 1971/72   | 1972/73   | 1973/74   | 1974/75   | 1975/76   | 1976/77   | 1977/78   |
| SECTION 8   |                 |   |           |           |           |           |           |           |           |
| Include research expenditures of organizations not elsewhere covered            |                 |   |           |           |           |           |           |           |           |
| Carry forward: - the Gage Institute-net   | 8.1             | ..                                      | ..        | 406       | 197       | 284       | 243       | 250       | 230       |
| - the United States National  |                 | 162                                     | 611       | 725       | 915       | 1,972     | 1,220     | 2,098     | 3,321     |
| Institute of Health in Ont.   | 8.1             | 1,655                                   | 2,036     | 2,031     | 1,951     | 1,854     | 1,612     | 2,062     | 1,983     |
| - University of Toronto   | 8.1             |   |           |           |           |           |           |           |           |
| Less: Special research costs conducted in (6)                                   |                 |   |           |           |           |           |           |           |           |
| Public general hospitals by   |                 | 5,110                                   | 5,649     | 6,759     | 8,283     | 9,713     | 11,418    | 12,962    | 14,741    |
| organizations covered in this report  |                 |   |           |           |           |           |           |           |           |
| Is: SECTION 8 CARRIES FORWARD   |                 | -3,293                                  | -3,002    | -3,597    | -5,220    | -5,603    | -8,343    | -8,552    | -9,207    |
| SUM OF SECTIONS 1 TO 8 CARRIED FORWARD IS TOTAL HEALTH EXPENDITURES FOR ONTARIO |                 | 2,578,942                               | 2,933,635 | 3,206,815 | 3,540,829 | 4,181,507 | 4,883,062 | 5,539,987 | 6,011,510 |

(1) Overlapping expenditures between organizations listed, and spending on health items to be considered later in the report, are deducted here for convenience.

(2) Depreciation on shareable equipment funded by the Ministry of Health is deducted under operating costs of hospitals. The total share of capital expenditures for governments shown in table 5.5 includes this component of depreciation.

(3) All other nurses are covered elsewhere in the system.

(4) Ontario Drug Benefit Plan administered partially through Ministry of Community and Social Services appears under the Family Benefits Act, while municipal provisions for the drug benefit plan show under the G.N.A.

(5) The costs of private employers for health services for employees on-the-job have been included. It is assumed that a portion of these costs are for drugs and health supplies, and that these are purchased from retail outlets.

(6) Most of the organizations listed grant awards for research which are then conducted within universities, and hospitals.

These costs must be removed from hospitals since the total budgets of hospitals have been included in this report.





APPENDIX 3  
SOURCES USED IN DEVELOPING  
INFORMATION PRESENTED IN TABLES



## APPENDIX 3

SOURCES USED IN DEVELOPING  
INFORMATION PRESENTED IN TABLES

The following is a list of sources used in the development of the Tables. Data has been compiled from both published and unpublished material. A large part of the published data used does not appear exactly as shown in the form published, either due to adjustments to a March 31st fiscal year basis, or because the data is used indirectly in the development of information for this report. The unpublished data has been provided by the organizations listed below. Generally these organizations allowed complete access to their administrative files from which relevant information could be extracted.

- Table A - "Ontario Economic Accounts Quarterly Time Series 1970-1978" from Central Statistical Services, Ontario Ministry of Treasury and Economics; Statistics Canada catalogue 13-201, "National Income and Expenditure Accounts".
- Table B - "Taxation Statistics" from Revenue Canada; Ontario Budgets.
- Table C - Statistics Canada catalogue 11-003E, "Canadian Statistical Review"; "Ontario Economic Accounts Quarterly Time Series, 1970-1978"; Health Care Financing Review (U.S.) and U.S. Survey of Current Business.
- Table 1.1 - Ontario Public Accounts; Ontario Budgets; Intergovernmental Finance and Grants Policy Branch of the Ontario Ministry of Treasury and Economics; Research and Statistics Section, Revenue Section, and Income Maintenance Branch, of the Ministry of Community and Social Services; Information Resources Branch, Ministry of Education.
- Table 1.2 - Health Expenditure and Resources Section of the Department of National Health and Welfare; Canada Public Accounts; "Hospital Statistics" from the Data Development and Evaluation Branch, and Finance & Accounting Branch of the Ontario Ministry of Health; Treasury Board of Canada; and Statistics Canada catalogue 72-004, "Federal Government Employment".
- Table 2.1 - Ontario Public Accounts; "Estimated Expenditure on Health Care, Ontario, 1970/71 to 1972/73", from the Ontario Ministry of Treasury and Economics.
- Table 2.2 - "OHIP Practitioner Care Statistics" from Data Development and Evaluation Branch, and Finance and Accounting Branch of the Ontario Ministry of Health.

# APPENDIX 3

- Table 2.3 - Information Resources Branch, Ministry of Education; Pay Policy and Administration Branch, Civil Service Commission; and Central Accounting and Reporting from the Ontario Ministry of Treasury and Economics.
- Table 2.4 - Research and Statistics Section, Revenue Section, Income Maintenance Branch, Accounts Branch, Capital and Administrative Services Branch, Rehabilitation Branch, Senior Citizens Branch, Child Welfare Branch, and Mental Retardation Facility Services Division, from the Ontario Ministry of Community and Social Services; Ontario Public Accounts.
- Table 2.5 - Finance Branch, Realty Services Branch, and Employee Health Services Branch of the Ontario Ministry of Government Services; Financial Services Branch of the Ontario Ministry of the Solicitor General; Finance Branch of the Ontario Ministry of Labour; Management Data Services of the Ontario Ministry of Correctional Services; Pay Policy and Administration Branch of the Ontario Civil Service Commission; and Central Accounting and Reporting from the Ontario Ministry of Treasury and Economics.
- Table 2.6 - Annual Reports, Financial Services, and Medical Services, of the Workmen's Compensation Board.
- Table 3.1 - Audit Branch and Fiscal Resources Branch of the Ontario Ministry of Health; Research and Statistics Section, Capital and Administrative Services Branch, Senior Citizens Branch and Child Welfare Branch of the Ontario Ministry of Community and Social Services; Municipal Finance Branch of the Ontario Ministry of Treasury and Economics; Ontario Public Accounts; Statistics Canada, catalogues 68-203 and 68-204, "Local Government Finance", and catalogue 72-009, "Local Government Employment"; and Construction Division of Statistics Canada.
- Table 4.1 - Annual Reports of the Superintendent of Insurance for the Province of Ontario, Ministry of Consumer and Commercial Relations; Canadian Association of Accident and Sickness Insurers (CAASI).
- Table 4.2 - Financial Institutions Division of the Ontario Ministry of Consumer and Commercial Relations; Ontario Blue Cross; Canadian Association of Accident and Sickness Insurers.
- Table 4.3 - Financial Institutions Branch of the Ontario Ministry of Consumer and Commercial Relations; Ontario Blue Cross; Canadian Association of Accident and Sickness Insurers.
- Table 4.4 - Audited Financial Statements, annual reports, and other contact as required with the organizations listed.

APPENDIX 3

- Table 4.5 - Ontario Public Accounts; Ontario Budgets; Canada Public Accounts; Health Expenditures and Resources Section of the Department of National Health and Welfare; Workmen's Compensation Board; Sources listed under Table 4.1; Statistics Canada catalogues, 72-004 "Federal Government Employment", 72-009 "Local Government Employment", 72-008 and 72-516 "Estimates of Employees by Province and Industry"; Construction Division of Statistics Canada; and the publications "OHIP, Major Medical, Prescription, and Dental Plans in Ontario Collective Agreements" by the Ontario Ministry of Labour.
- Table 5.1 - Canada Public Accounts; Health Expenditures and Resources Section of the Department of National Health and Welfare; Hospital Services Branch of the Department of Veterans Affairs.
- Table 5.2 - "Hospital Statistics" from the Data Development and Evaluation Branch, and Fiscal Resources Branch of the Ontario Ministry of Health.
- Table 5.3 - Institutional Statistics Branch of Statistics Canada; and Statistics Canada catalogue 83-205, "Mental Health Statistics".
- Table 5.4 - "Hospital Statistics" from the Data Development and Evaluation Branch, and Fiscal Resources Branch of the Ontario Ministry of Health; Ontario Public Accounts; Statistics Canada catalogue 83-205 "Mental Health Statistics", and 83-001 "Hospital Indicators".
- Table 5.5 - Construction Division of Statistics Canada; "Hospital Statistics" from the Data Development and Evaluation Branch, and Institutional Planning Branch of the Ontario Ministry of Health; and Ontario Public Accounts.
- Table 5.6 - National Wealth and Capital Stock Section from Statistics Canada; and Statistics Canada catalogue 13-001 "National Income and Expenditure Accounts".
- Table 5.7 - Data Development and Evaluation Branch, Finance and Accounting Branch, and Fiscal Resources Branch of the Ontario Ministry of Health; Research and Statistics Section of the Ontario Ministry of Community and Social Services; Intergovernmental Finance and Grants Policy Branch of the Ontario Ministry of Treasury and Economics; Ontario Public Accounts.
- Table 5.8 - "Hospital Statistics", Data Development and Evaluation Branch, Fiscal Resources Branch, Institutional Planning Branch, and Finance and Accounting Branch of the Ontario Ministry of Health; Research and Statistics Section, Capital and Administrative Services Branch, Senior Citizens Branch, and Mental Retardation Facility Services Division of the Ontario Ministry of Community and Social Services; Ontario Public Accounts; and the Construction Division of Statistics Canada.

APPENDIX 3

- Table 5.9 - Intergovernmental Finance and Grants Policy Branch of the Ontario Ministry of Treasury and Economics; Senior Citizens Branch, Research and Statistics Section, and Revenue Section of the Ontario Ministry of Community and Social Services; Ontario Public Accounts
- Table 5.10 - Capital and Administrative Services Branch of the Ontario Ministry of Community and Social Services.
- Table 6.1 - "Canada Health Manpower Inventory" from the Federal Department of National Health and Welfare; Policy Development and Research Branch of the Ontario Ministry of Health; and Statistics Canada catalogue 11-003E, "Canadian Statistical Review".
- Table 6.2 - Health Expenditure and Resources Section of the Department of National Health and Welfare; Pay Policy and Administration Branch of the Ontario Civil Service Commission; Research and Statistics Section, Child Welfare Branch, Rehabilitation Branch, and Income Maintenance Branch of the Ontario Ministry of Community and Family Services; Audit Branch, Fiscal Resources Branch, Data Development and Evaluation Branch, and Policy Development and Research Branch of the Ontario Ministry of Health.
- Table 6.3 - Sources cited in Table 6.2; and Statistics Canada catalogue 72-002, "Employment, Earnings, and Hours".
- Table 6.4 - Data Development and Evaluation Branch of the Ontario Ministry of Health.
- Table 6.5 - Data Development and Evaluation Branch, and Fiscal Resources Branch, of the Ontario Ministry of Health; Health Expenditures and Resources Section of the Department of National Health and Welfare; and Statistics Canada catalogue 83-205, "Mental Health Statistics".
- Table 6.6 - Fiscal Resources Branch and Policy Development and Research Branch of the Ontario Ministry of Health.
- Table 6.7 - Sources listed in Tables 6.5 and 6.6.
- Table 6.8 - Pay Policy and Administration Branch of the Ontario Civil Service Commission.
- Table 7.1 - "Hospital Statistics", Data Development and Evaluation Branch, and Supply and Services Branch of the Ontario Ministry of Health; Statistics Canada catalogue 83-205, "Mental Health Statistics"; Health Expenditures and Resources Section of the Department of National Health and Welfare; and Canada Public Accounts.

APPENDIX 3

- Table 7.2 - "Hospital Statistics", Data Development and Evaluation Branch of the Ontario Ministry of Health; Statistics Canada catalogue 83-205, "Mental Health Statistics", catalogue 63-815, "Retail Commodity Survey 1968", and catalogue 63-526, "Retail Commodity Survey 1974"; and Canada Public Accounts.
- Table 7.3 - Health Expenditures and Resources Section of the Department of Health and Welfare.
- Table 8.1 - Health Expenditures and Resources Section of the Department of Health and Welfare; Canada Public Accounts; Ontario Public Accounts; Fiscal Resources Branch, and Policy Development and Research Branch of the Ontario Ministry of Health; audited financial statements, annual reports, and other contact as required with the organizations listed.
- Table 8.2 - Hospital Services Branch of the Department of Veterans Affairs; "Hospital Statistics", Data Development and Evaluation Branch, Fiscal Resources Branch, and Institutional Planning Branch of the Ontario Ministry of Health; the Mental Retardation Facility Services Division of the Ontario Ministry of Community and Social Services; Ontario Public Accounts; Statistics Canada catalogue 83-205 "Mental Health Statistics", and Institutional Statistics Branch of Statistics Canada; and the audited financial statements, annual reports, and other contact with the voluntary mental health associations and foundations.





TO THE RECIPIENT OR READER OF  
"EXPENDITURES OF THE HEALTH CARE  
SYSTEM IN ONTARIO - 1970/71 TO 1977/78"

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Could you list those areas that are of most use to you either as summary or specific tables (or concepts). Also indicate the inclusion of any additional health related information which you feel will be beneficial to your purposes.

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